

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1445219

Luminaire Tested: TPTN-VA2-750-U-RW-CG-GM

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445219
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: TPTN-VA2-750-U-RW-CG-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 42W 70CRI 5000K w/
RECTANGULAR WIDE DISTRIBUTION OPTIC AND GLASS
Light Source: 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3987.7 lumens
Efficiency: N/A
Efficacy: 94.7 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 42.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 7.5%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

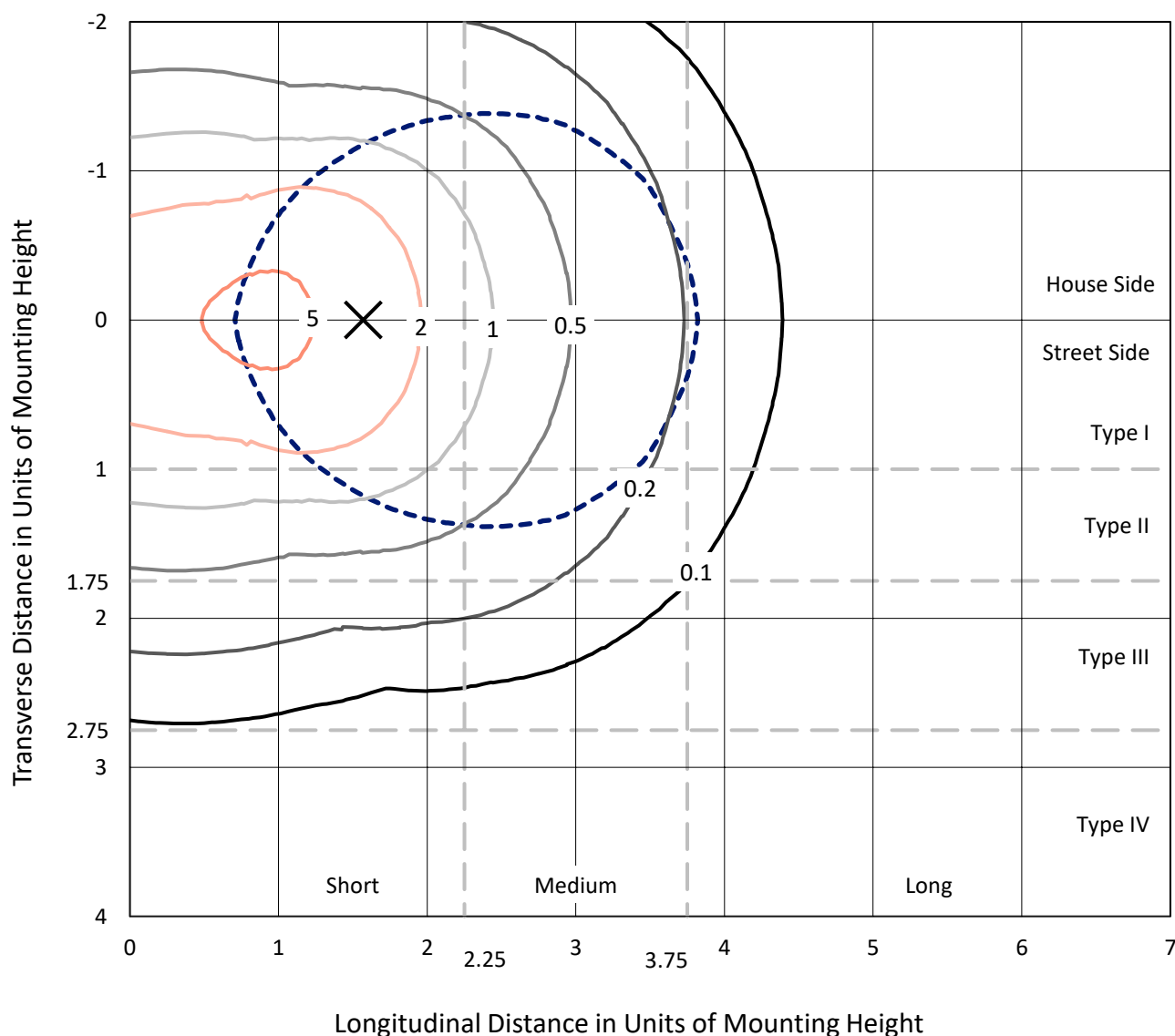
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



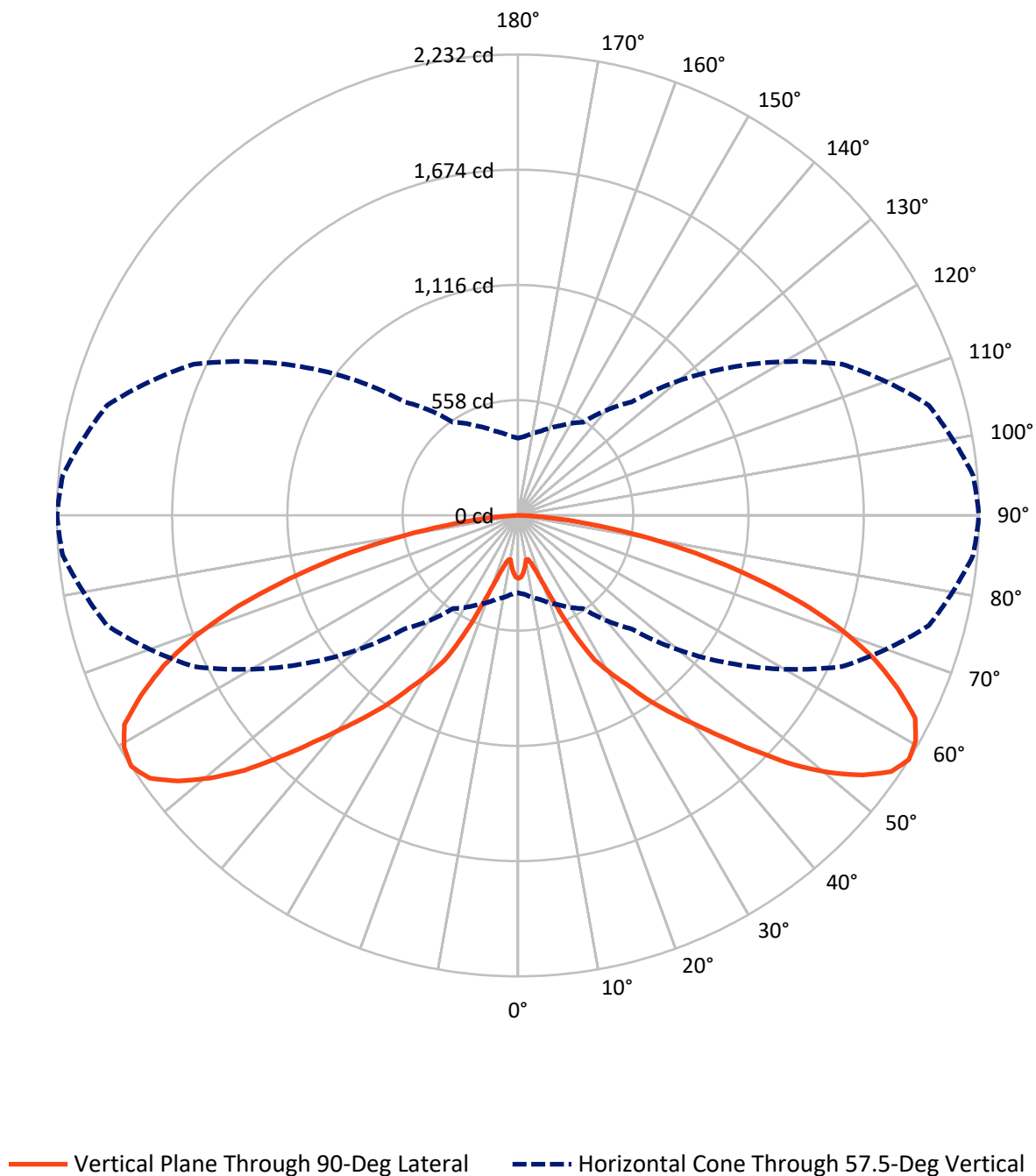
Based on 10 foot mounting height. Maximum calculated value = 6.1 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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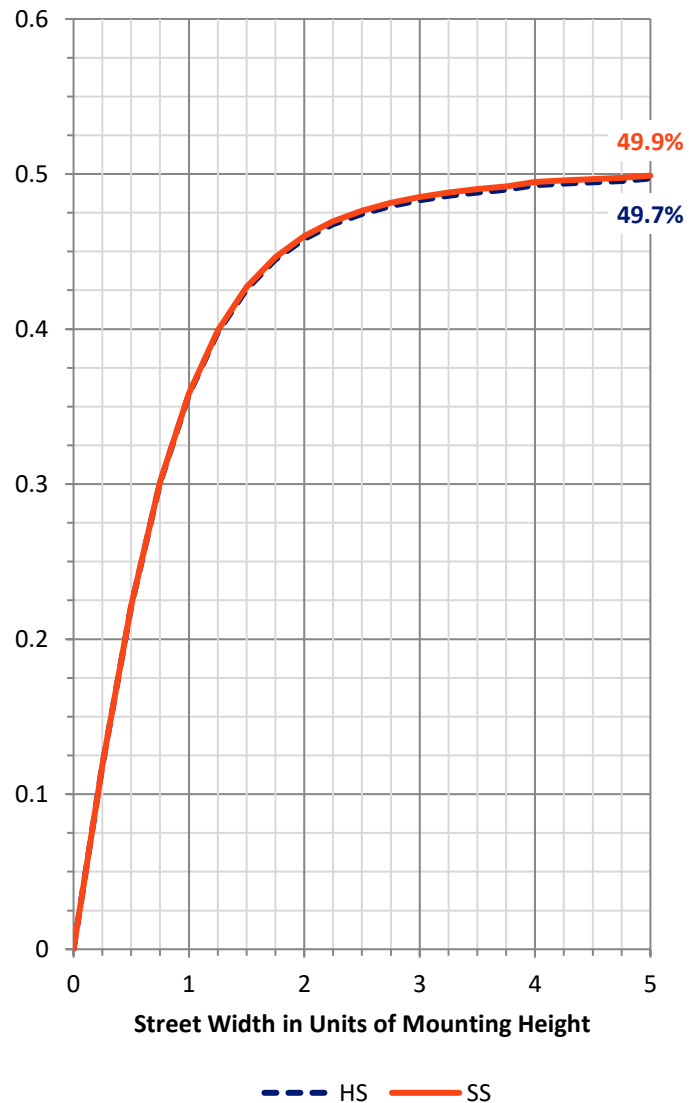
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1993.8	0.0	1993.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1993.9	0.0	1993.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	3987.7	0.0	3987.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.1	0.7
10°-20°	82.8	2.1
20°-30°	202.1	5.1
30°-40°	399.1	10.0
40°-50°	676.8	17.0
50°-60°	960.2	24.1
60°-70°	954.7	23.9
70°-80°	572.9	14.4
80°-90°	112.0	2.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3987.7	100.0
0°-180°	3987.7	100.0

Coefficient of Utilization



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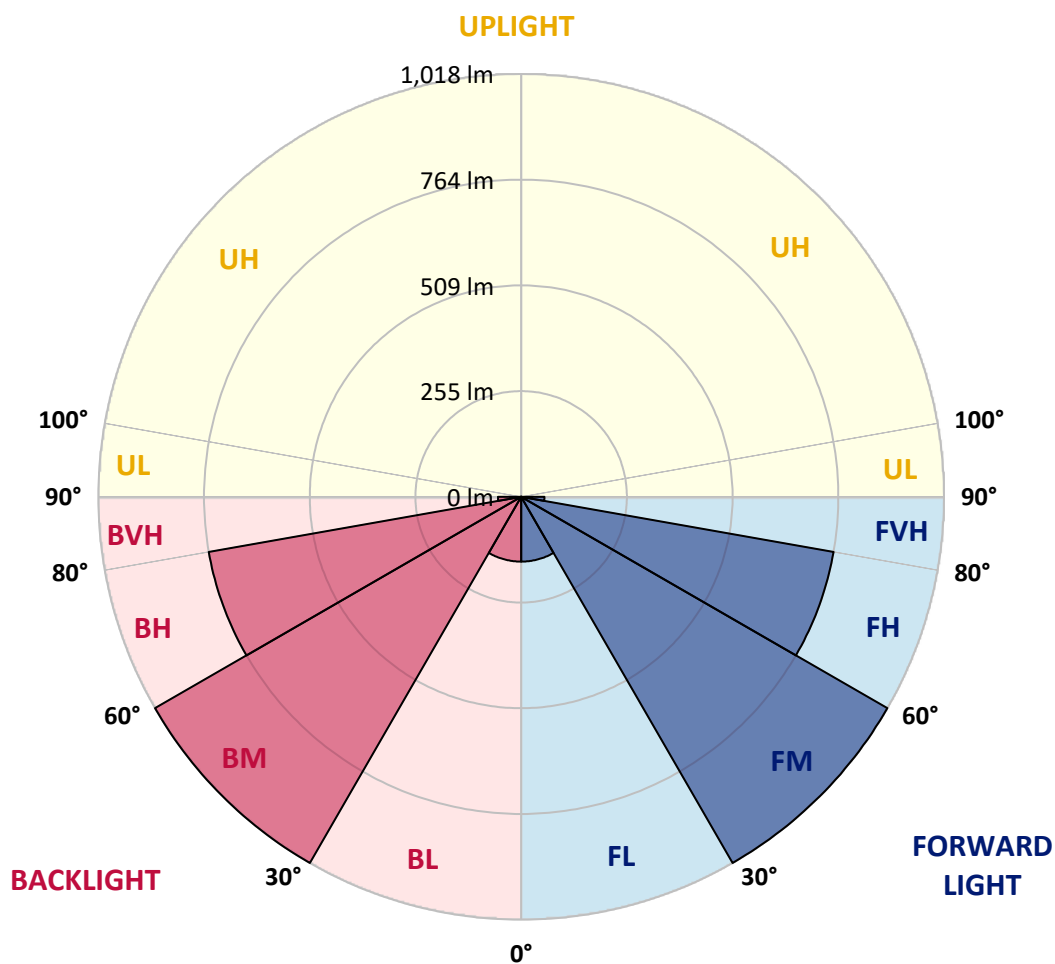
CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	156.0	3.9			
FM	(30°-60°)	1018.0	25.5			
FH	(60°-80°)	763.8	19.2			G1/1800
FVH	(80°-90°)	56.0	1.4			G1/100
BL	(0°-30°)	156.0	3.9	B1/500		
BM	(30°-60°)	1018.0	25.5	B2/2500		
BH	(60°-80°)	763.8	19.2	B2/1000		G2/1000
BVH	(80°-90°)	56.0	1.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	306.3	306.3	306.3	306.3	306.3	305.6	305.6	305.6	305.6	305.6	305.6
5°	307.1	307.1	306.3	306.3	305.6	305.6	304.8	304.1	304.1	303.3	302.6
7.5°	303.3	303.3	303.3	303.3	302.6	302.6	301.9	301.1	300.4	299.6	298.9
10°	301.1	301.1	301.1	301.1	301.1	300.4	300.4	299.6	298.9	297.4	296.6
12.5°	301.9	302.6	302.6	303.3	303.3	304.1	304.1	303.3	303.3	302.6	301.9
15°	307.8	308.6	308.6	309.3	310.1	310.8	311.5	311.5	311.5	310.8	310.8
17.5°	313.8	315.3	316.0	317.5	318.3	319.7	320.5	320.5	320.5	319.7	319.7
20°	321.2	322.7	323.5	325.7	327.2	329.4	330.9	330.9	330.2	330.2	329.4
22.5°	327.9	329.4	330.9	333.2	336.1	338.4	340.6	340.6	341.4	341.4	341.4
25°	335.4	337.6	339.1	342.1	345.1	347.3	350.3	351.8	354.0	355.5	357.0
27.5°	342.8	345.1	347.3	350.3	353.3	356.3	359.2	363.0	366.0	369.7	372.7
30°	349.6	351.8	354.0	357.8	360.7	364.5	367.4	372.7	377.9	383.1	388.3
32.5°	355.5	358.5	361.5	365.2	368.9	372.7	376.4	383.1	390.5	397.3	404.0
35°	362.2	365.2	368.2	372.7	377.1	380.9	385.3	394.3	402.5	411.4	419.6
37.5°	368.2	371.9	374.9	380.1	385.3	389.8	395.0	404.7	415.1	424.8	434.5
40°	374.9	378.6	382.4	388.3	394.3	399.5	405.5	416.6	427.8	439.0	450.2
42.5°	380.9	384.6	388.3	395.0	402.5	409.2	415.9	427.8	439.7	450.9	462.8
45°	387.6	391.3	395.0	402.5	409.9	417.4	424.8	438.2	450.9	464.3	477.0
47.5°	393.5	397.3	401.0	409.2	417.4	425.6	433.8	447.9	462.1	475.5	489.7
50°	394.3	398.7	402.5	411.4	420.4	428.6	437.5	452.4	467.3	481.5	496.4
52.5°	394.3	398.7	402.5	411.4	421.1	430.1	439.0	454.6	469.6	485.2	500.1
55°	388.3	392.8	396.5	406.2	415.9	424.8	434.5	450.2	465.1	480.7	495.6
57.5°	374.2	379.4	383.8	393.5	403.2	412.2	421.9	436.0	450.2	464.3	478.5
60°	354.8	360.0	365.2	374.2	383.1	391.3	400.2	413.7	427.1	439.7	453.2
62.5°	331.7	336.9	341.4	349.6	357.8	366.0	374.2	385.3	397.3	408.4	419.6
65°	298.9	304.8	310.8	318.3	326.5	333.9	341.4	351.8	362.2	372.7	383.1
67.5°	263.8	269.8	275.0	281.7	288.4	294.4	301.1	310.8	320.5	330.2	339.9
70°	228.1	233.3	237.8	243.0	248.9	254.2	259.4	267.6	275.8	283.2	291.4
72.5°	184.1	189.3	194.5	199.7	205.0	210.2	215.4	222.1	228.1	234.8	240.7
75°	143.8	148.3	152.8	157.3	162.5	167.0	171.4	175.9	181.1	185.6	190.1
77.5°	102.1	107.3	111.8	115.5	120.0	123.7	127.5	130.4	133.4	136.4	139.4
80°	64.8	68.6	72.3	76.0	79.7	82.7	86.5	87.9	90.2	91.7	93.2
82.5°	32.8	36.5	40.2	43.2	47.0	49.9	52.9	53.7	55.2	55.9	56.6
85°	10.4	14.9	19.4	21.6	24.6	26.8	29.1	29.8	29.8	30.6	30.6
87.5°	1.5	5.2	8.9	11.2	14.2	16.4	18.6	18.6	18.6	18.6	18.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	305.6	304.8	304.8	304.1	304.1	303.3	303.3	302.6	302.6	302.6	301.9
5°	301.9	301.1	299.6	298.9	298.1	297.4	295.9	295.1	293.7	292.2	290.7
7.5°	297.4	295.9	294.4	292.9	290.7	287.7	285.5	282.5	279.5	277.3	274.3
10°	294.4	292.9	290.7	288.4	284.7	281.0	277.3	273.5	269.1	265.3	260.9
12.5°	299.6	297.4	294.4	292.2	288.4	284.0	280.2	275.8	271.3	266.8	262.4
15°	308.6	305.6	303.3	300.4	296.6	292.9	289.2	285.5	282.5	279.5	275.8
17.5°	317.5	316.0	313.8	311.5	309.3	307.8	305.6	303.3	301.9	299.6	298.1
20°	329.4	328.7	328.7	327.9	327.9	327.9	327.9	327.9	327.2	327.2	326.5
22.5°	343.6	345.1	347.3	348.8	351.0	353.3	354.8	357.0	359.2	361.5	363.0
25°	361.5	365.2	369.7	373.4	376.4	380.1	383.1	386.1	392.0	398.7	404.7
27.5°	378.6	385.3	391.3	397.3	401.7	406.2	410.7	415.1	426.3	437.5	448.7
30°	395.8	404.0	411.4	418.9	424.8	430.8	436.8	442.7	460.6	477.8	495.6
32.5°	412.9	421.1	430.1	438.2	447.2	456.9	465.8	474.8	498.6	522.5	545.6
35°	429.3	438.2	447.9	456.9	469.6	483.0	495.6	508.3	537.4	566.4	595.5
37.5°	445.0	456.1	466.6	477.0	493.4	509.8	525.5	541.8	576.9	611.9	646.2
40°	462.1	474.0	485.2	497.1	516.5	535.1	554.5	573.2	617.9	662.6	706.6
42.5°	476.3	489.7	503.1	516.5	539.6	562.0	585.1	607.4	663.3	720.0	775.9
45°	491.9	506.8	521.7	536.6	564.2	591.8	618.6	646.2	714.8	782.6	851.2
47.5°	506.1	521.7	538.1	553.8	588.1	621.6	655.9	689.4	769.9	851.2	931.7
50°	512.8	529.9	546.3	562.7	603.0	642.5	682.7	722.2	815.4	908.5	1001.7
52.5°	518.0	535.1	553.0	570.2	615.6	661.1	706.6	752.0	854.1	955.5	1057.6
55°	514.3	532.2	550.8	568.7	620.1	671.5	723.0	774.4	885.4	995.8	1106.8
57.5°	496.4	515.0	532.9	550.8	607.4	664.1	720.0	776.6	894.4	1011.4	1129.2
60°	471.0	489.7	507.6	525.5	585.1	645.4	705.1	764.7	882.5	1001.0	1118.7
62.5°	439.0	458.4	477.0	496.4	559.7	622.3	685.7	748.3	863.8	979.4	1094.9
65°	401.0	418.1	436.0	453.2	516.5	580.6	644.0	707.3	819.1	930.2	1042.0
67.5°	356.3	372.7	388.3	404.7	465.8	526.9	588.1	649.2	752.0	854.1	957.0
70°	307.1	323.5	339.1	354.8	411.4	468.1	524.7	581.4	670.8	760.2	849.7
72.5°	255.6	270.6	284.7	299.6	351.0	401.7	453.2	503.8	579.9	655.9	731.9
75°	202.7	214.7	227.3	239.2	281.7	324.2	366.7	409.2	472.5	535.9	598.5
77.5°	149.1	158.8	168.4	178.1	210.9	243.0	275.8	307.8	357.0	406.2	455.4
80°	100.6	108.1	115.5	123.0	144.6	166.2	187.1	208.7	241.5	273.5	306.3
82.5°	61.1	65.6	70.1	74.5	87.9	100.6	114.0	126.7	146.1	166.2	185.6
85°	32.8	34.3	36.5	38.0	44.0	49.2	55.2	60.4	68.6	77.5	85.7
87.5°	18.6	18.6	18.6	18.6	18.6	19.4	19.4	19.4	20.9	21.6	23.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	301.9	301.9	301.1	301.1	300.4	300.4	300.4	299.6	299.6	299.6	299.6
5°	289.2	287.7	286.9	285.5	284.0	283.2	282.5	281.7	281.0	280.2	279.5
7.5°	271.3	269.1	266.1	263.8	260.9	258.6	257.1	254.9	252.7	251.2	250.4
10°	256.4	252.7	248.9	244.5	240.7	237.8	234.0	231.0	227.3	225.8	223.6
12.5°	257.9	254.2	250.4	246.0	242.2	239.2	236.3	232.5	229.6	227.3	225.1
15°	272.8	269.8	266.1	263.1	259.4	257.1	254.9	251.9	249.7	248.2	246.7
17.5°	295.9	294.4	292.2	290.7	288.4	287.7	286.2	285.5	284.0	284.0	284.0
20°	325.7	327.2	327.9	329.4	330.2	333.2	336.1	339.1	342.1	345.1	348.8
22.5°	365.2	371.2	377.9	383.8	389.8	399.5	409.2	418.1	427.8	437.5	447.2
25°	410.7	425.6	439.7	454.6	468.8	490.4	512.0	533.7	555.3	573.2	591.0
27.5°	459.9	483.7	508.3	532.2	556.0	588.1	620.9	652.9	685.0	708.1	730.4
30°	512.8	544.1	576.1	607.4	638.7	675.3	711.8	748.3	784.8	807.9	831.0
32.5°	569.4	606.7	644.0	681.2	718.5	758.7	799.7	840.0	880.2	904.8	930.2
35°	624.6	670.8	717.0	763.2	809.4	856.4	903.3	950.3	997.2	1021.1	1044.9
37.5°	681.2	739.4	796.7	854.9	912.3	963.7	1015.1	1066.6	1118.0	1140.3	1162.7
40°	751.3	818.4	886.2	953.3	1020.3	1074.8	1129.2	1182.8	1237.2	1260.3	1283.4
42.5°	831.8	909.3	986.1	1063.6	1140.3	1200.0	1258.8	1318.5	1377.4	1399.7	1422.8
45°	919.0	1009.2	1098.6	1188.8	1278.2	1340.8	1402.7	1465.3	1527.2	1550.3	1572.6
47.5°	1012.1	1109.8	1207.4	1305.1	1402.7	1472.0	1541.3	1610.6	1680.0	1709.8	1738.8
50°	1094.9	1202.9	1311.8	1419.8	1527.9	1602.4	1677.0	1750.8	1825.3	1855.1	1884.9
52.5°	1159.0	1280.5	1402.0	1523.4	1644.9	1719.5	1794.0	1868.5	1943.1	1975.8	2009.4
55°	1217.1	1338.6	1460.1	1581.6	1703.1	1783.6	1863.3	1943.8	2023.5	2060.1	2095.8
57.5°	1246.2	1367.7	1489.2	1609.9	1731.4	1813.4	1895.4	1977.3	2059.3	2097.3	2136.1
60°	1236.5	1360.2	1483.9	1607.7	1731.4	1808.2	1885.7	1962.4	2039.2	2078.0	2116.0
62.5°	1210.4	1325.9	1442.2	1557.7	1673.2	1751.5	1830.5	1908.8	1987.0	2024.3	2062.3
65°	1153.0	1261.8	1370.6	1478.7	1587.5	1662.8	1737.3	1812.6	1887.2	1915.5	1943.8
67.5°	1059.1	1162.7	1265.6	1369.2	1472.0	1531.6	1590.5	1650.1	1709.0	1740.3	1771.6
70°	939.1	1030.8	1123.2	1214.9	1306.5	1359.5	1413.1	1466.0	1519.0	1552.5	1586.0
72.5°	807.9	883.2	958.5	1033.0	1108.3	1159.0	1209.7	1260.3	1311.0	1335.6	1361.0
75°	661.8	721.5	781.1	840.0	899.6	939.1	978.6	1017.4	1056.9	1076.2	1094.9
77.5°	504.6	549.3	594.0	638.0	682.7	711.0	739.4	766.9	795.3	813.1	831.0
80°	338.4	370.4	402.5	433.8	465.8	488.9	511.3	534.4	556.8	566.4	575.4
82.5°	205.0	222.9	240.7	258.6	276.5	291.4	305.6	320.5	334.6	339.1	344.3
85°	93.9	102.1	110.3	117.8	126.0	133.4	140.9	147.6	155.0	157.3	160.2
87.5°	23.9	24.6	26.1	26.8	27.6	29.1	29.8	31.3	32.0	33.5	34.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	298.9	298.9	298.9	298.9	298.9	298.9	298.9	299.6	299.6	299.6	299.6
5°	278.8	278.0	278.0	277.3	278.0	278.0	278.8	279.5	280.2	281.0	281.7
7.5°	248.9	247.4	247.4	247.4	247.4	247.4	248.9	250.4	251.2	252.7	254.9
10°	222.1	219.9	219.1	217.6	219.1	219.9	222.1	223.6	225.8	227.3	231.0
12.5°	222.9	220.6	219.9	219.1	219.9	220.6	222.9	225.1	227.3	229.6	232.5
15°	244.5	243.0	242.2	240.7	242.2	243.0	244.5	246.7	248.2	249.7	251.9
17.5°	283.2	283.2	283.2	283.2	283.2	283.2	283.2	284.0	284.0	284.0	285.5
20°	351.8	354.8	355.5	356.3	355.5	354.8	351.8	348.8	345.1	342.1	339.1
22.5°	456.9	466.6	470.3	474.0	470.3	466.6	456.9	447.2	437.5	427.8	418.1
25°	608.2	626.1	633.5	641.0	633.5	626.1	608.2	591.0	573.2	555.3	533.7
27.5°	753.5	775.9	784.1	792.3	784.1	775.9	752.8	730.4	708.1	685.0	652.9
30°	853.4	876.5	882.5	887.7	882.5	876.5	853.4	830.3	807.9	784.8	748.3
32.5°	954.8	979.4	981.6	983.8	981.6	979.4	954.8	929.4	904.8	880.2	840.0
35°	1068.0	1091.9	1098.6	1105.3	1098.6	1091.9	1068.0	1044.2	1021.1	997.2	950.3
37.5°	1185.1	1207.4	1212.6	1217.9	1212.6	1207.4	1185.1	1162.7	1140.3	1118.0	1066.6
40°	1306.5	1329.7	1333.4	1336.4	1333.4	1329.7	1306.5	1283.4	1260.3	1237.2	1182.8
42.5°	1445.2	1467.5	1472.0	1476.5	1472.0	1467.5	1445.2	1422.1	1399.7	1377.4	1318.5
45°	1595.7	1618.1	1626.3	1634.5	1626.3	1618.1	1595.0	1572.6	1550.3	1527.2	1465.3
47.5°	1768.6	1797.7	1802.9	1808.2	1802.9	1797.7	1767.9	1738.8	1709.8	1680.0	1610.6
50°	1914.0	1943.8	1950.5	1957.2	1950.5	1943.8	1914.0	1884.2	1855.1	1825.3	1750.8
52.5°	2042.2	2075.0	2081.7	2088.4	2081.7	2075.0	2042.2	2008.6	1975.8	1943.1	1868.5
55°	2132.4	2168.1	2179.3	2190.5	2179.3	2168.1	2131.6	2095.8	2060.1	2023.5	1943.8
57.5°	2174.1	2212.1	2221.8	2231.5	2221.8	2212.1	2174.1	2135.3	2097.3	2059.3	1977.3
60°	2154.7	2192.7	2202.4	2212.1	2202.4	2192.7	2154.0	2116.0	2078.0	2039.2	1962.4
62.5°	2099.6	2136.8	2147.3	2157.0	2146.5	2136.8	2099.6	2061.6	2024.3	1987.0	1908.8
65°	1971.4	1999.7	2010.1	2019.8	2009.4	1999.7	1971.4	1943.1	1915.5	1887.2	1812.6
67.5°	1802.2	1833.5	1848.4	1862.6	1847.7	1833.5	1802.2	1770.9	1740.3	1709.0	1650.1
70°	1618.8	1652.4	1659.1	1665.0	1659.1	1652.4	1618.8	1585.3	1552.5	1519.0	1466.0
72.5°	1385.6	1410.1	1417.6	1424.3	1417.6	1410.1	1385.6	1360.2	1335.6	1311.0	1260.3
75°	1114.3	1132.9	1141.1	1148.5	1141.1	1132.9	1114.3	1094.9	1076.2	1056.9	1017.4
77.5°	848.2	866.1	871.3	876.5	871.3	866.1	848.2	831.0	813.1	795.3	766.9
80°	585.1	594.0	598.5	602.2	598.5	594.0	585.1	575.4	566.4	556.8	534.4
82.5°	348.8	353.3	354.8	355.5	354.8	353.3	348.8	344.3	339.1	334.6	320.5
85°	162.5	164.7	167.0	169.2	167.0	164.7	162.5	160.2	157.3	155.0	147.6
87.5°	35.8	36.5	36.5	36.5	36.5	36.5	35.8	34.3	33.5	32.0	31.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	300.4	300.4	300.4	301.1	301.1	301.9	301.9	301.9	302.6	302.6	302.6
5°	282.5	283.2	284.0	285.5	286.9	287.7	289.2	290.7	292.2	293.7	295.1
7.5°	257.1	258.6	260.9	263.8	266.1	269.1	271.3	274.3	277.3	279.5	282.5
10°	234.0	237.8	240.7	244.5	248.9	252.7	256.4	260.9	265.3	269.1	273.5
12.5°	236.3	239.2	242.2	246.0	250.4	254.2	257.9	262.4	266.8	271.3	275.8
15°	254.9	257.1	259.4	263.1	266.1	269.8	272.8	275.8	279.5	282.5	285.5
17.5°	286.2	287.7	288.4	290.7	292.2	294.4	295.9	298.1	299.6	301.9	303.3
20°	336.1	333.2	330.2	329.4	327.9	327.2	325.7	326.5	327.2	327.2	327.9
22.5°	409.2	399.5	389.8	383.8	377.1	371.2	365.2	363.0	361.5	359.2	357.0
25°	512.0	490.4	468.8	453.9	439.7	424.8	410.7	404.7	398.7	392.0	386.1
27.5°	620.9	588.1	556.0	532.2	507.6	483.7	459.9	448.7	437.5	426.3	415.1
30°	711.8	675.3	638.7	607.4	575.4	544.1	512.8	494.9	477.8	460.6	442.7
32.5°	799.7	758.7	718.5	681.2	644.0	606.7	569.4	545.6	522.5	498.6	474.8
35°	903.3	856.4	809.4	763.2	717.0	670.8	624.6	595.5	566.4	537.4	508.3
37.5°	1015.1	963.7	912.3	854.1	796.7	738.6	681.2	646.2	611.9	576.9	541.8
40°	1129.2	1074.8	1020.3	953.3	885.4	818.4	751.3	706.6	662.6	617.9	573.2
42.5°	1258.8	1200.0	1140.3	1062.8	986.1	908.5	831.8	775.9	720.0	663.3	607.4
45°	1402.7	1340.8	1278.2	1188.0	1098.6	1008.4	919.0	850.4	782.6	714.8	646.2
47.5°	1541.3	1472.0	1402.7	1305.1	1207.4	1109.8	1012.1	931.7	851.2	769.9	689.4
50°	1677.0	1602.4	1527.9	1419.8	1311.0	1202.9	1094.9	1001.7	908.5	815.4	722.2
52.5°	1794.0	1719.5	1644.9	1523.4	1402.0	1280.5	1159.0	1056.9	955.5	854.1	752.0
55°	1863.3	1783.6	1703.1	1581.6	1460.1	1338.6	1217.1	1106.1	995.8	885.4	774.4
57.5°	1895.4	1813.4	1731.4	1609.9	1488.4	1367.7	1246.2	1128.4	1011.4	894.4	776.6
60°	1885.7	1808.2	1731.4	1607.7	1483.9	1360.2	1236.5	1118.7	1001.0	882.5	764.7
62.5°	1830.5	1751.5	1673.2	1557.7	1441.5	1325.9	1210.4	1094.9	979.4	863.8	748.3
65°	1737.3	1662.8	1587.5	1478.7	1369.9	1261.8	1153.0	1041.2	930.2	819.1	707.3
67.5°	1590.5	1531.6	1472.0	1368.4	1265.6	1162.0	1059.1	956.2	854.1	752.0	649.2
70°	1413.1	1359.5	1306.5	1214.9	1122.5	1030.8	939.1	849.7	760.2	670.8	581.4
72.5°	1209.7	1159.0	1108.3	1033.0	957.7	883.2	807.9	731.9	655.9	579.9	503.8
75°	978.6	939.1	899.6	840.0	780.4	721.5	661.8	598.5	535.9	472.5	409.2
77.5°	739.4	711.0	682.7	638.0	593.3	549.3	504.6	455.4	406.2	357.0	307.8
80°	511.3	488.9	465.8	433.8	401.7	370.4	338.4	305.6	273.5	241.5	208.7
82.5°	305.6	291.4	276.5	258.6	240.7	222.9	205.0	185.6	166.2	146.1	126.7
85°	140.9	133.4	126.0	117.8	109.6	102.1	93.9	85.7	77.5	68.6	60.4
87.5°	29.8	29.1	27.6	26.8	26.1	24.6	23.9	23.1	21.6	20.9	19.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	303.3	303.3	304.1	304.1	304.8	304.8	305.6	305.6	305.6	305.6	305.6
5°	295.9	297.4	298.1	298.9	299.6	301.1	301.9	302.6	303.3	304.1	304.1
7.5°	285.5	287.7	290.7	292.9	294.4	295.9	297.4	298.9	299.6	300.4	301.1
10°	277.3	281.0	284.7	288.4	290.7	292.9	294.4	296.6	297.4	298.9	299.6
12.5°	280.2	284.0	288.4	292.2	294.4	297.4	299.6	301.9	302.6	303.3	303.3
15°	289.2	292.9	296.6	300.4	303.3	305.6	308.6	310.8	310.8	311.5	311.5
17.5°	305.6	307.8	309.3	311.5	313.8	316.0	317.5	319.7	319.7	320.5	320.5
20°	327.9	327.9	327.9	327.9	328.7	328.7	329.4	329.4	330.2	330.2	330.9
22.5°	354.8	353.3	351.0	348.8	347.3	345.1	343.6	341.4	341.4	341.4	340.6
25°	383.1	380.1	376.4	373.4	369.7	365.2	361.5	357.0	355.5	354.0	351.8
27.5°	410.7	406.2	401.7	397.3	391.3	385.3	378.6	372.7	369.7	366.0	363.0
30°	436.8	430.8	424.8	418.9	411.4	404.0	395.8	388.3	383.1	377.9	372.7
32.5°	465.8	456.9	447.2	438.2	430.1	421.1	412.9	404.0	397.3	390.5	383.1
35°	495.6	483.0	469.6	456.9	447.9	438.2	429.3	419.6	411.4	402.5	394.3
37.5°	525.5	509.8	493.4	477.0	466.6	456.1	445.0	434.5	424.8	415.1	404.7
40°	554.5	535.1	516.5	497.1	485.2	474.0	462.1	450.2	439.0	427.8	416.6
42.5°	585.1	562.0	539.6	516.5	503.1	489.7	476.3	462.8	450.9	439.7	427.8
45°	618.6	591.8	564.2	536.6	521.7	506.8	491.9	477.0	464.3	450.9	438.2
47.5°	655.9	621.6	588.1	553.8	538.1	521.7	506.1	489.7	475.5	462.1	447.9
50°	682.7	642.5	603.0	562.7	546.3	529.9	512.8	496.4	481.5	467.3	452.4
52.5°	706.6	661.1	615.6	570.2	553.0	535.1	518.0	500.1	485.2	469.6	454.6
55°	723.0	671.5	620.1	568.7	550.8	532.2	514.3	495.6	480.7	465.1	450.2
57.5°	720.0	664.1	607.4	550.8	532.9	515.0	496.4	478.5	464.3	450.2	436.0
60°	705.1	645.4	585.1	525.5	507.6	489.7	471.0	453.2	439.7	427.1	413.7
62.5°	685.7	622.3	559.7	496.4	477.0	458.4	439.0	419.6	408.4	397.3	385.3
65°	644.0	580.6	516.5	453.2	436.0	418.1	401.0	383.1	372.7	362.2	351.8
67.5°	588.1	526.9	465.8	404.7	388.3	372.7	356.3	339.9	330.2	320.5	310.8
70°	524.7	468.1	411.4	354.8	339.1	323.5	307.1	291.4	283.2	275.8	267.6
72.5°	453.2	401.7	351.0	299.6	284.7	270.6	255.6	240.7	234.8	228.1	222.1
75°	366.7	324.2	281.7	239.2	227.3	214.7	202.7	190.1	185.6	181.1	175.9
77.5°	275.8	243.0	210.9	178.1	168.4	158.8	149.1	139.4	136.4	133.4	130.4
80°	187.1	166.2	144.6	123.0	115.5	108.1	100.6	93.2	91.7	90.2	87.9
82.5°	114.0	100.6	87.9	74.5	70.1	65.6	61.1	56.6	55.9	55.2	53.7
85°	55.2	49.2	44.0	38.0	36.5	34.3	32.8	30.6	30.6	29.8	29.8
87.5°	19.4	19.4	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	305.6	305.6	306.3	306.3	306.3	306.3	306.3	306.3	306.3	306.3	306.3
5°	304.8	305.6	305.6	306.3	306.3	307.1	307.1	307.1	306.3	306.3	305.6
7.5°	301.9	302.6	302.6	303.3	303.3	303.3	303.3	303.3	303.3	303.3	302.6
10°	300.4	300.4	301.1	301.1	301.1	301.1	301.1	301.1	301.1	301.1	301.1
12.5°	304.1	304.1	303.3	303.3	302.6	302.6	301.9	302.6	302.6	303.3	303.3
15°	311.5	310.8	310.1	309.3	308.6	308.6	307.8	308.6	308.6	309.3	310.1
17.5°	320.5	319.7	318.3	317.5	316.0	315.3	313.8	315.3	316.0	317.5	318.3
20°	330.9	329.4	327.2	325.7	323.5	322.7	321.2	322.7	323.5	325.7	327.2
22.5°	340.6	338.4	336.1	333.2	330.9	329.4	327.9	329.4	330.9	333.2	336.1
25°	350.3	347.3	345.1	342.1	339.1	337.6	335.4	337.6	339.1	342.1	345.1
27.5°	359.2	356.3	353.3	350.3	347.3	345.1	342.8	345.1	347.3	350.3	353.3
30°	367.4	364.5	360.7	357.0	354.0	351.8	349.6	351.8	354.0	357.8	360.7
32.5°	376.4	372.7	368.9	365.2	361.5	358.5	355.5	358.5	361.5	365.2	368.9
35°	385.3	380.9	377.1	372.7	368.2	365.2	362.2	365.2	368.2	372.7	377.1
37.5°	395.0	389.8	385.3	380.1	374.9	371.2	368.2	371.9	374.9	380.1	385.3
40°	405.5	399.5	394.3	388.3	382.4	378.6	374.9	378.6	382.4	388.3	394.3
42.5°	415.9	409.2	402.5	395.0	388.3	384.6	380.9	384.6	388.3	395.0	402.5
45°	424.8	417.4	409.9	402.5	395.0	391.3	387.6	391.3	395.0	402.5	409.9
47.5°	433.8	425.6	417.4	409.2	401.0	397.3	393.5	397.3	401.0	409.2	417.4
50°	437.5	428.6	420.4	411.4	402.5	398.0	394.3	398.7	402.5	411.4	420.4
52.5°	439.0	430.1	421.1	411.4	402.5	398.0	394.3	398.7	402.5	411.4	421.1
55°	434.5	424.8	415.9	406.2	396.5	392.0	388.3	392.8	396.5	406.2	415.9
57.5°	421.9	412.2	403.2	393.5	383.8	378.6	374.2	379.4	383.8	393.5	403.2
60°	400.2	391.3	383.1	374.2	365.2	360.0	354.8	360.0	365.2	374.2	383.1
62.5°	374.2	366.0	357.8	349.6	341.4	336.1	331.7	336.9	341.4	349.6	357.8
65°	341.4	333.9	326.5	318.3	310.8	304.8	298.9	304.8	310.8	318.3	326.5
67.5°	301.1	294.4	288.4	281.7	275.0	269.1	263.8	269.8	275.0	281.7	288.4
70°	259.4	254.2	248.9	243.0	237.8	232.5	228.1	233.3	237.8	243.0	248.9
72.5°	215.4	210.2	205.0	199.7	194.5	189.3	184.1	189.3	194.5	199.7	205.0
75°	171.4	167.0	162.5	157.3	152.8	148.3	143.8	148.3	152.8	157.3	162.5
77.5°	127.5	123.7	120.0	115.5	111.8	106.6	102.1	107.3	111.8	115.5	120.0
80°	86.5	82.7	79.7	76.0	72.3	68.6	64.8	68.6	72.3	76.0	79.7
82.5°	52.9	49.9	47.0	43.2	40.2	36.5	32.8	36.5	40.2	43.2	47.0
85°	29.1	26.8	24.6	21.6	19.4	14.9	10.4	14.9	19.4	21.6	24.6
87.5°	18.6	16.4	14.2	11.2	8.9	5.2	1.5	5.2	8.9	11.2	14.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	304.8	304.8	304.1	304.1
5°	305.6	304.8	304.1	304.1	303.3	302.6	301.9	301.1	299.6	298.9	298.1
7.5°	302.6	301.9	301.1	300.4	299.6	298.9	297.4	295.9	294.4	292.9	290.7
10°	300.4	300.4	299.6	298.9	297.4	296.6	294.4	292.9	290.7	288.4	284.7
12.5°	304.1	304.1	303.3	303.3	302.6	301.9	299.6	297.4	294.4	292.2	288.4
15°	310.8	311.5	311.5	311.5	310.8	310.8	308.6	305.6	303.3	300.4	296.6
17.5°	319.7	320.5	320.5	320.5	319.7	319.7	317.5	316.0	313.8	311.5	309.3
20°	329.4	330.9	330.9	330.2	330.2	329.4	329.4	328.7	328.7	327.9	327.9
22.5°	338.4	340.6	340.6	341.4	341.4	341.4	343.6	345.1	347.3	348.8	351.0
25°	347.3	350.3	351.8	354.0	355.5	357.0	361.5	365.2	369.7	373.4	376.4
27.5°	356.3	359.2	363.0	366.0	369.7	372.7	378.6	385.3	391.3	397.3	401.7
30°	364.5	367.4	372.7	377.9	383.1	388.3	395.8	404.0	411.4	418.9	424.8
32.5°	372.7	376.4	383.1	390.5	397.3	404.0	412.9	421.1	430.1	438.2	447.2
35°	380.9	385.3	394.3	402.5	411.4	419.6	429.3	438.2	447.9	456.9	469.6
37.5°	389.8	395.0	404.7	415.1	424.8	434.5	445.0	456.1	466.6	477.0	493.4
40°	399.5	405.5	416.6	427.8	439.0	450.2	462.1	474.0	485.2	497.1	516.5
42.5°	409.2	415.9	427.8	439.7	450.9	462.8	476.3	489.7	503.1	516.5	539.6
45°	417.4	424.8	438.2	450.9	464.3	477.0	491.9	506.8	521.7	536.6	564.2
47.5°	425.6	433.8	447.9	462.1	475.5	489.7	506.1	521.7	538.1	553.8	588.1
50°	428.6	437.5	452.4	467.3	481.5	496.4	512.8	529.9	546.3	562.7	603.0
52.5°	430.1	439.0	454.6	469.6	485.2	500.1	518.0	535.1	553.0	570.2	615.6
55°	424.8	434.5	450.2	465.1	480.7	495.6	514.3	532.2	550.8	568.7	620.1
57.5°	412.2	421.9	436.0	450.2	464.3	478.5	496.4	515.0	532.9	550.8	607.4
60°	391.3	400.2	413.7	427.1	439.7	453.2	471.0	489.7	507.6	525.5	585.1
62.5°	366.0	374.2	385.3	397.3	408.4	419.6	439.0	458.4	477.0	496.4	559.7
65°	333.9	341.4	351.8	362.2	372.7	383.1	401.0	418.1	436.0	453.2	516.5
67.5°	294.4	301.1	310.8	320.5	330.2	339.9	356.3	372.7	388.3	404.7	465.8
70°	254.2	259.4	267.6	275.8	283.2	291.4	307.1	323.5	339.1	354.8	411.4
72.5°	210.2	215.4	222.1	228.1	234.8	240.7	255.6	270.6	284.7	299.6	351.0
75°	167.0	171.4	175.9	181.1	185.6	190.1	202.7	214.7	227.3	239.2	281.7
77.5°	123.7	127.5	130.4	133.4	136.4	139.4	149.1	158.8	168.4	178.1	210.9
80°	82.7	86.5	87.9	90.2	91.7	93.2	100.6	108.1	115.5	123.0	144.6
82.5°	49.9	52.9	53.7	55.2	55.9	56.6	61.1	65.6	70.1	74.5	87.9
85°	26.8	29.1	29.8	29.8	30.6	30.6	32.8	34.3	36.5	38.0	44.0
87.5°	16.4	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	303.3	303.3	302.6	302.6	302.6	301.9	301.9	301.9	301.1	301.1	300.4
5°	297.4	295.9	295.1	293.7	292.2	290.7	289.2	287.7	286.9	285.5	284.0
7.5°	287.7	285.5	282.5	279.5	277.3	274.3	271.3	269.1	266.1	263.8	260.9
10°	281.0	277.3	273.5	269.1	265.3	260.9	256.4	252.7	248.9	244.5	240.7
12.5°	284.0	280.2	275.8	271.3	266.8	262.4	257.9	254.2	250.4	246.0	242.2
15°	292.9	289.2	285.5	282.5	279.5	275.8	272.8	269.8	266.1	263.1	259.4
17.5°	307.8	305.6	303.3	301.9	299.6	298.1	295.9	294.4	292.2	290.7	288.4
20°	327.9	327.9	327.9	327.2	327.2	326.5	325.7	327.2	327.9	329.4	330.2
22.5°	353.3	354.8	357.0	359.2	361.5	363.0	365.2	371.2	377.9	383.8	389.8
25°	380.1	383.1	386.1	392.0	398.7	404.7	410.7	425.6	439.7	454.6	468.8
27.5°	406.2	410.7	415.1	426.3	437.5	448.7	459.9	483.7	508.3	532.2	556.0
30°	430.8	436.8	442.7	460.6	477.8	495.6	512.8	544.1	576.1	607.4	638.7
32.5°	456.9	465.8	474.8	498.6	522.5	545.6	569.4	606.7	644.0	681.2	718.5
35°	483.0	495.6	508.3	537.4	566.4	595.5	624.6	670.8	717.0	763.2	809.4
37.5°	509.8	525.5	541.8	576.9	611.9	646.2	681.2	739.4	796.7	854.9	912.3
40°	535.1	554.5	573.2	617.9	662.6	706.6	751.3	818.4	886.2	953.3	1020.3
42.5°	562.0	585.1	607.4	663.3	720.0	775.9	831.8	909.3	986.1	1063.6	1140.3
45°	591.8	618.6	646.2	714.8	782.6	851.2	919.0	1009.2	1098.6	1188.8	1278.2
47.5°	621.6	655.9	689.4	769.9	851.2	931.7	1012.1	1109.8	1207.4	1305.1	1402.7
50°	642.5	682.7	722.2	815.4	908.5	1001.7	1094.9	1202.9	1311.8	1419.8	1527.9
52.5°	661.1	706.6	752.0	854.1	955.5	1057.6	1159.0	1280.5	1402.0	1523.4	1644.9
55°	671.5	723.0	774.4	885.4	995.8	1106.8	1217.1	1338.6	1460.1	1581.6	1703.1
57.5°	664.1	720.0	776.6	894.4	1011.4	1129.2	1246.2	1367.7	1489.2	1609.9	1731.4
60°	645.4	705.1	764.7	882.5	1001.0	1118.7	1236.5	1360.2	1483.9	1607.7	1731.4
62.5°	622.3	685.7	748.3	863.8	979.4	1094.9	1210.4	1325.9	1442.2	1557.7	1673.2
65°	580.6	644.0	707.3	819.1	930.2	1042.0	1153.0	1261.8	1370.6	1478.7	1587.5
67.5°	526.9	588.1	649.2	752.0	854.1	957.0	1059.1	1162.7	1265.6	1369.2	1472.0
70°	468.1	524.7	581.4	670.8	760.2	849.7	939.1	1030.8	1123.2	1214.9	1306.5
72.5°	401.7	453.2	503.8	579.9	655.9	731.9	807.9	883.2	958.5	1033.0	1108.3
75°	324.2	366.7	409.2	472.5	535.9	598.5	661.8	721.5	781.1	840.0	899.6
77.5°	243.0	275.8	307.8	357.0	406.2	455.4	504.6	549.3	594.0	638.0	682.7
80°	166.2	187.1	208.7	241.5	273.5	306.3	338.4	370.4	402.5	433.8	465.8
82.5°	100.6	114.0	126.7	146.1	166.2	185.6	205.0	222.9	240.7	258.6	276.5
85°	49.2	55.2	60.4	68.6	77.5	85.7	93.9	102.1	110.3	117.8	126.0
87.5°	19.4	19.4	19.4	20.9	21.6	23.1	23.9	24.6	26.1	26.8	27.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	300.4	300.4	299.6	299.6	299.6	299.6	298.9	298.9	298.9	298.9	298.9
5°	283.2	282.5	281.7	281.0	280.2	279.5	278.8	278.0	278.0	277.3	278.0
7.5°	258.6	257.1	254.9	252.7	251.2	250.4	248.9	247.4	247.4	247.4	247.4
10°	237.8	234.0	231.0	227.3	225.8	223.6	222.1	219.9	219.1	217.6	219.1
12.5°	239.2	236.3	232.5	229.6	227.3	225.1	222.9	220.6	219.9	219.1	219.9
15°	257.1	254.9	251.9	249.7	248.2	246.7	244.5	243.0	242.2	240.7	242.2
17.5°	287.7	286.2	285.5	284.0	284.0	284.0	283.2	283.2	283.2	283.2	283.2
20°	333.2	336.1	339.1	342.1	345.1	348.8	351.8	354.8	355.5	356.3	355.5
22.5°	399.5	409.2	418.1	427.8	437.5	447.2	456.9	466.6	470.3	474.0	470.3
25°	490.4	512.0	533.7	555.3	573.2	591.0	608.2	626.1	633.5	641.0	633.5
27.5°	588.1	620.9	652.9	685.0	707.3	730.4	752.8	775.9	784.1	792.3	784.1
30°	675.3	711.8	748.3	784.8	807.9	831.0	853.4	876.5	881.7	887.7	882.5
32.5°	758.7	799.7	840.0	880.2	904.8	930.2	954.8	979.4	981.6	983.8	981.6
35°	856.4	903.3	950.3	997.2	1021.1	1044.9	1068.0	1091.9	1098.6	1105.3	1098.6
37.5°	963.7	1015.1	1066.6	1118.0	1140.3	1162.7	1185.1	1207.4	1212.6	1217.9	1212.6
40°	1074.8	1129.2	1182.8	1237.2	1260.3	1283.4	1306.5	1329.7	1332.6	1336.4	1333.4
42.5°	1200.0	1258.8	1317.7	1377.4	1399.7	1422.8	1445.2	1467.5	1472.0	1476.5	1472.0
45°	1340.8	1402.7	1464.6	1527.2	1549.5	1572.6	1595.0	1618.1	1626.3	1634.5	1626.3
47.5°	1472.0	1541.3	1610.6	1680.0	1709.0	1738.8	1767.9	1797.7	1802.9	1808.2	1802.9
50°	1602.4	1677.0	1750.8	1825.3	1855.1	1884.9	1914.0	1943.8	1950.5	1957.2	1950.5
52.5°	1719.5	1794.0	1868.5	1943.1	1975.8	2009.4	2042.2	2075.0	2081.7	2088.4	2081.7
55°	1783.6	1863.3	1943.1	2023.5	2059.3	2095.8	2131.6	2168.1	2179.3	2190.5	2179.3
57.5°	1813.4	1895.4	1977.3	2059.3	2097.3	2136.1	2174.1	2212.1	2221.8	2231.5	2221.8
60°	1808.2	1885.7	1962.4	2039.2	2077.2	2116.0	2154.0	2192.7	2202.4	2212.1	2202.4
62.5°	1751.5	1830.5	1908.8	1987.0	2024.3	2062.3	2099.6	2136.8	2146.5	2157.0	2147.3
65°	1662.8	1737.3	1811.9	1887.2	1915.5	1943.8	1971.4	1999.7	2009.4	2019.8	2010.1
67.5°	1531.6	1590.5	1649.4	1709.0	1740.3	1771.6	1802.2	1833.5	1847.7	1862.6	1848.4
70°	1359.5	1413.1	1466.0	1519.0	1552.5	1586.0	1618.8	1652.4	1658.3	1665.0	1659.1
72.5°	1159.0	1209.7	1260.3	1311.0	1335.6	1361.0	1385.6	1410.1	1416.9	1424.3	1417.6
75°	939.1	978.6	1017.4	1056.9	1075.5	1094.9	1113.5	1132.9	1140.3	1148.5	1141.1
77.5°	711.0	739.4	766.9	795.3	813.1	831.0	848.2	866.1	871.3	876.5	871.3
80°	488.9	511.3	533.7	556.8	565.7	575.4	584.3	594.0	597.7	602.2	598.5
82.5°	291.4	305.6	319.7	334.6	339.1	344.3	348.8	353.3	354.8	355.5	354.8
85°	133.4	140.9	147.6	155.0	157.3	160.2	162.5	164.7	167.0	169.2	167.0
87.5°	29.1	29.8	31.3	32.0	33.5	34.3	35.8	36.5	36.5	36.5	36.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	298.9	298.9	299.6	299.6	299.6	299.6	300.4	300.4	300.4	301.1	301.1
5°	278.0	278.8	279.5	280.2	281.0	281.7	282.5	283.2	284.0	285.5	286.9
7.5°	247.4	248.9	250.4	251.2	252.7	254.9	257.1	258.6	260.9	263.8	266.1
10°	219.9	222.1	223.6	225.8	227.3	231.0	234.0	237.8	240.7	244.5	248.9
12.5°	220.6	222.9	225.1	227.3	229.6	232.5	236.3	239.2	242.2	246.0	250.4
15°	243.0	244.5	246.7	248.2	249.7	251.9	254.9	257.1	259.4	263.1	266.1
17.5°	283.2	283.2	284.0	284.0	284.0	285.5	286.2	287.7	288.4	290.7	292.2
20°	354.8	351.8	348.8	345.1	342.1	339.1	336.1	333.2	330.2	329.4	327.9
22.5°	466.6	456.9	447.2	437.5	427.8	418.1	409.2	399.5	389.8	383.8	377.9
25°	626.1	608.2	591.0	573.2	555.3	533.7	512.0	490.4	468.8	453.9	439.7
27.5°	775.9	752.8	730.4	707.3	685.0	652.9	620.9	588.1	556.0	532.2	508.3
30°	876.5	853.4	831.0	807.9	784.8	748.3	711.8	675.3	638.7	607.4	576.1
32.5°	979.4	954.8	930.2	904.8	880.2	840.0	799.7	758.7	718.5	681.2	644.0
35°	1091.9	1068.0	1044.9	1021.1	997.2	950.3	903.3	856.4	809.4	763.2	717.0
37.5°	1207.4	1185.1	1162.7	1140.3	1118.0	1066.6	1015.1	963.7	912.3	854.1	796.7
40°	1329.7	1306.5	1283.4	1260.3	1237.2	1182.8	1129.2	1074.8	1020.3	953.3	886.2
42.5°	1467.5	1445.2	1422.8	1399.7	1377.4	1317.7	1258.8	1199.2	1140.3	1062.8	986.1
45°	1618.1	1595.0	1572.6	1549.5	1527.2	1464.6	1402.7	1340.1	1278.2	1188.0	1098.6
47.5°	1797.7	1767.9	1738.8	1709.0	1680.0	1610.6	1541.3	1472.0	1402.7	1305.1	1207.4
50°	1943.8	1914.0	1884.9	1855.1	1825.3	1750.8	1677.0	1602.4	1527.9	1419.8	1311.8
52.5°	2075.0	2042.2	2009.4	1975.8	1943.1	1868.5	1794.0	1719.5	1644.9	1523.4	1402.0
55°	2168.1	2131.6	2095.8	2059.3	2023.5	1943.1	1863.3	1782.8	1703.1	1581.6	1460.1
57.5°	2212.1	2174.1	2136.1	2097.3	2059.3	1977.3	1895.4	1813.4	1731.4	1609.9	1489.2
60°	2192.7	2154.0	2116.0	2077.2	2039.2	1962.4	1885.7	1808.2	1731.4	1607.7	1483.9
62.5°	2136.8	2099.6	2062.3	2024.3	1987.0	1908.8	1830.5	1751.5	1673.2	1557.7	1442.2
65°	1999.7	1971.4	1943.8	1915.5	1887.2	1811.9	1737.3	1662.1	1587.5	1478.7	1370.6
67.5°	1833.5	1802.2	1771.6	1740.3	1709.0	1649.4	1590.5	1530.9	1472.0	1368.4	1265.6
70°	1652.4	1618.8	1586.0	1552.5	1519.0	1466.0	1413.1	1359.5	1306.5	1214.9	1123.2
72.5°	1410.1	1385.6	1361.0	1335.6	1311.0	1260.3	1209.7	1159.0	1108.3	1033.0	958.5
75°	1132.9	1113.5	1094.9	1075.5	1056.9	1017.4	978.6	939.1	899.6	840.0	781.1
77.5°	866.1	848.2	831.0	813.1	795.3	766.9	739.4	711.0	682.7	638.0	594.0
80°	594.0	584.3	575.4	565.7	556.8	533.7	511.3	488.2	465.8	433.8	402.5
82.5°	353.3	348.8	344.3	339.1	334.6	319.7	305.6	290.7	276.5	258.6	240.7
85°	164.7	162.5	160.2	157.3	155.0	147.6	140.9	133.4	126.0	117.8	110.3
87.5°	36.5	35.8	34.3	33.5	32.0	31.3	29.8	29.1	27.6	26.8	26.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	301.9	301.9	301.9	302.6	302.6	302.6	303.3	303.3	304.1	304.1	304.8
5°	287.7	289.2	290.7	292.2	293.7	295.1	295.9	297.4	298.1	298.9	299.6
7.5°	269.1	271.3	274.3	277.3	279.5	282.5	285.5	287.7	290.7	292.9	294.4
10°	252.7	256.4	260.9	265.3	269.1	273.5	277.3	281.0	284.7	288.4	290.7
12.5°	254.2	257.9	262.4	266.8	271.3	275.8	280.2	284.0	288.4	292.2	294.4
15°	269.8	272.8	275.8	279.5	282.5	285.5	289.2	292.9	296.6	300.4	303.3
17.5°	294.4	295.9	298.1	299.6	301.9	303.3	305.6	307.8	309.3	311.5	313.8
20°	327.2	325.7	326.5	327.2	327.2	327.9	327.9	327.9	327.9	327.9	328.7
22.5°	371.2	365.2	363.0	361.5	359.2	357.0	354.8	353.3	351.0	348.8	347.3
25°	425.6	410.7	404.7	398.7	392.0	386.1	383.1	380.1	376.4	373.4	369.7
27.5°	483.7	459.9	448.7	437.5	426.3	415.1	410.7	406.2	401.7	397.3	391.3
30°	544.1	512.8	495.6	477.8	460.6	442.7	436.8	430.8	424.8	418.9	411.4
32.5°	606.7	569.4	545.6	522.5	498.6	474.8	465.8	456.9	447.2	438.2	430.1
35°	670.8	624.6	595.5	566.4	537.4	508.3	495.6	483.0	469.6	456.9	447.9
37.5°	739.4	681.2	646.2	611.9	576.9	541.8	525.5	509.8	493.4	477.0	466.6
40°	818.4	751.3	706.6	662.6	617.9	573.2	554.5	535.1	516.5	497.1	485.2
42.5°	909.3	831.8	775.9	720.0	663.3	607.4	585.1	562.0	539.6	516.5	503.1
45°	1009.2	919.0	851.2	782.6	714.8	646.2	618.6	591.8	564.2	536.6	521.7
47.5°	1109.8	1012.1	931.7	851.2	769.9	689.4	655.9	621.6	588.1	553.8	538.1
50°	1202.9	1094.9	1001.7	908.5	815.4	722.2	682.7	642.5	603.0	562.7	546.3
52.5°	1280.5	1159.0	1057.6	955.5	854.1	752.0	706.6	661.1	615.6	570.2	553.0
55°	1338.6	1217.1	1106.8	995.8	885.4	774.4	723.0	671.5	620.1	568.7	550.8
57.5°	1367.7	1246.2	1129.2	1011.4	894.4	776.6	720.0	664.1	607.4	550.8	532.9
60°	1360.2	1236.5	1118.7	1001.0	882.5	764.7	705.1	645.4	585.1	525.5	507.6
62.5°	1325.9	1210.4	1094.9	979.4	863.8	748.3	685.7	622.3	559.7	496.4	477.0
65°	1261.8	1153.0	1042.0	930.2	819.1	707.3	644.0	580.6	516.5	453.2	436.0
67.5°	1162.7	1059.1	957.0	854.1	752.0	649.2	588.1	526.9	465.8	404.7	388.3
70°	1030.8	939.1	849.7	760.2	670.8	581.4	524.7	468.1	411.4	354.8	339.1
72.5°	883.2	807.9	731.9	655.9	579.9	503.8	453.2	401.7	351.0	299.6	284.7
75°	721.5	661.8	598.5	535.9	472.5	409.2	366.7	324.2	281.7	239.2	227.3
77.5°	549.3	504.6	455.4	406.2	357.0	307.8	275.8	243.0	210.9	178.1	168.4
80°	370.4	338.4	306.3	273.5	241.5	208.7	187.1	166.2	144.6	123.0	115.5
82.5°	222.9	205.0	185.6	166.2	146.1	126.7	114.0	100.6	87.9	74.5	70.1
85°	102.1	93.9	85.7	77.5	68.6	60.4	55.2	49.2	44.0	38.0	36.5
87.5°	24.6	23.9	23.1	21.6	20.9	19.4	19.4	19.4	18.6	18.6	18.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	304.8	305.6	305.6	305.6	305.6	305.6	305.6	305.6	306.3	306.3	306.3
5°	301.1	301.9	302.6	303.3	304.1	304.1	304.8	305.6	305.6	306.3	306.3
7.5°	295.9	297.4	298.9	299.6	300.4	301.1	301.9	302.6	302.6	303.3	303.3
10°	292.2	294.4	296.6	297.4	298.9	299.6	300.4	300.4	301.1	301.1	301.1
12.5°	296.6	299.6	301.9	302.6	303.3	303.3	304.1	304.1	303.3	303.3	302.6
15°	305.6	308.6	310.8	310.8	311.5	311.5	311.5	310.8	310.1	309.3	308.6
17.5°	315.3	317.5	319.7	319.7	320.5	320.5	320.5	319.7	318.3	317.5	316.0
20°	328.7	329.4	329.4	330.2	330.2	330.9	330.9	329.4	327.2	325.7	323.5
22.5°	345.1	343.6	341.4	341.4	341.4	340.6	340.6	338.4	336.1	333.2	330.9
25°	365.2	361.5	357.0	355.5	354.0	351.8	350.3	347.3	345.1	342.1	339.1
27.5°	385.3	378.6	372.7	369.7	366.0	363.0	359.2	356.3	353.3	350.3	347.3
30°	404.0	395.8	388.3	383.1	377.9	372.7	367.4	364.5	360.7	357.8	354.0
32.5°	421.1	412.9	404.0	397.3	390.5	383.1	376.4	372.7	368.9	365.2	361.5
35°	438.2	429.3	419.6	411.4	402.5	394.3	385.3	380.9	377.1	372.7	368.2
37.5°	456.1	445.0	434.5	424.8	415.1	404.7	395.0	389.8	385.3	380.1	374.9
40°	474.0	462.1	450.2	439.0	427.8	416.6	405.5	399.5	394.3	388.3	382.4
42.5°	489.7	476.3	462.8	450.9	439.7	427.8	415.9	409.2	402.5	395.0	388.3
45°	506.8	491.9	477.0	464.3	450.9	438.2	424.8	417.4	409.9	402.5	395.0
47.5°	521.7	506.1	489.7	475.5	462.1	447.9	433.8	425.6	417.4	409.2	401.0
50°	529.9	512.8	496.4	481.5	467.3	452.4	437.5	428.6	420.4	411.4	402.5
52.5°	535.1	518.0	500.1	485.2	469.6	454.6	439.0	430.1	421.1	411.4	402.5
55°	532.2	514.3	495.6	480.7	465.1	450.2	434.5	424.8	415.9	406.2	396.5
57.5°	515.0	496.4	478.5	464.3	450.2	436.0	421.9	412.2	403.2	393.5	383.8
60°	489.7	471.0	453.2	439.7	427.1	413.7	400.2	391.3	383.1	374.2	365.2
62.5°	458.4	439.0	419.6	408.4	397.3	385.3	374.2	366.0	357.8	349.6	341.4
65°	418.1	401.0	383.1	372.7	362.2	351.8	341.4	333.9	326.5	318.3	310.8
67.5°	372.7	356.3	339.9	330.2	320.5	310.8	301.1	294.4	288.4	281.7	275.0
70°	323.5	307.1	291.4	283.2	275.8	267.6	259.4	254.2	248.9	243.0	237.8
72.5°	270.6	255.6	240.7	234.8	228.1	222.1	215.4	210.2	205.0	199.7	194.5
75°	214.7	202.7	190.1	185.6	181.1	175.9	171.4	167.0	162.5	157.3	152.8
77.5°	158.8	149.1	139.4	136.4	133.4	130.4	127.5	123.7	120.0	115.5	111.8
80°	108.1	100.6	93.2	91.7	90.2	87.9	86.5	82.7	79.7	76.0	72.3
82.5°	65.6	61.1	56.6	55.9	55.2	53.7	52.9	49.9	47.0	43.2	40.2
85°	34.3	32.8	30.6	30.6	29.8	29.8	29.1	26.8	24.6	21.6	19.4
87.5°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	16.4	14.2	11.2	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	305.6	305.6
2.5°	306.3	306.3
5°	307.1	307.1
7.5°	303.3	303.3
10°	301.1	301.1
12.5°	302.6	301.9
15°	308.6	307.8
17.5°	315.3	313.8
20°	322.7	321.2
22.5°	329.4	327.9
25°	337.6	335.4
27.5°	345.1	342.8
30°	351.8	349.6
32.5°	358.5	355.5
35°	365.2	362.2
37.5°	371.9	368.2
40°	378.6	374.9
42.5°	384.6	380.9
45°	391.3	387.6
47.5°	397.3	393.5
50°	398.7	394.3
52.5°	398.7	394.3
55°	392.8	388.3
57.5°	379.4	374.2
60°	360.0	354.8
62.5°	336.9	331.7
65°	304.8	298.9
67.5°	269.8	263.8
70°	233.3	228.1
72.5°	189.3	184.1
75°	148.3	143.8
77.5°	107.3	102.1
80°	68.6	64.8
82.5°	36.5	32.8
85°	14.9	10.4
87.5°	5.2	1.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P1445219

CATALOG NUMBER: TPTN-VA2-750-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2411-284-3

Test Date: 11/21/2024

Luminaire Tested: TTN-D0-750-U-WQ

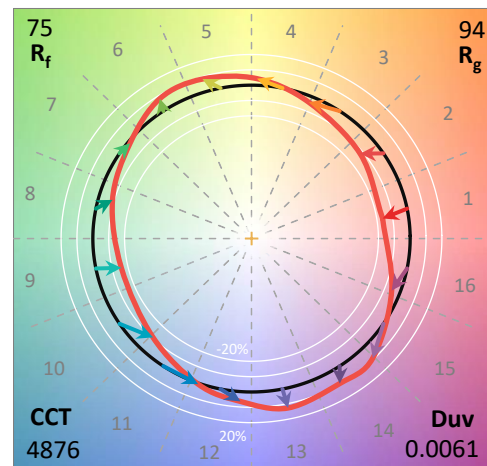
Data in this report applies to families of products including TTN-D0-750-U-WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2411-284-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 11/21/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **TTN-D0-750-U-WQ**
 Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE. 5000K, 70 CRI LEDS AND WIDE DISTRIBUTION

Spectral Parameters

CCT (K):	4876	CRI (Ra):	72.6		
CIE u':	0.2086	R1:	69.5	R9:	-24.6
CIE v':	0.4932	R2:	77.0	R10:	44.8
Duv:	0.0061	R3:	82.2	R11:	68.2
CIE x:	0.3502	R4:	72.6	R12:	36.1
CIE y:	0.3680	R5:	69.3	R13:	70.5
CIE z:	0.2818	R6:	67.6	R14:	89.9
Peak Wavelength (nm):	451	R7:	83.7	R15:	63.1
Dominant Wavelength (nm):	569	R8:	58.6		
Purity:	15.51324				
Rf:	74.6				
Rg:	94.4				



Test Conditions

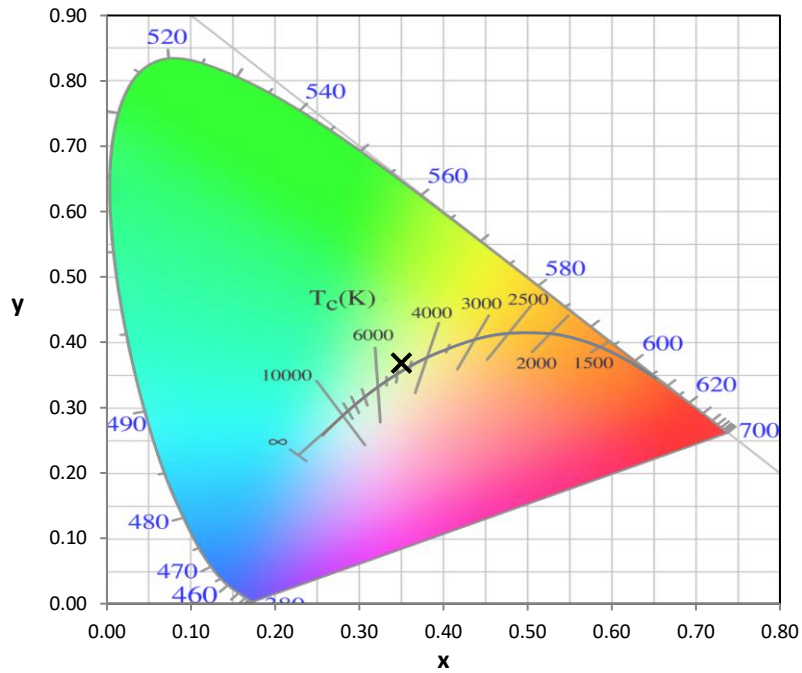
Stabilization Time: 51M
 Operation Time: 1H 51M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2411-284-3

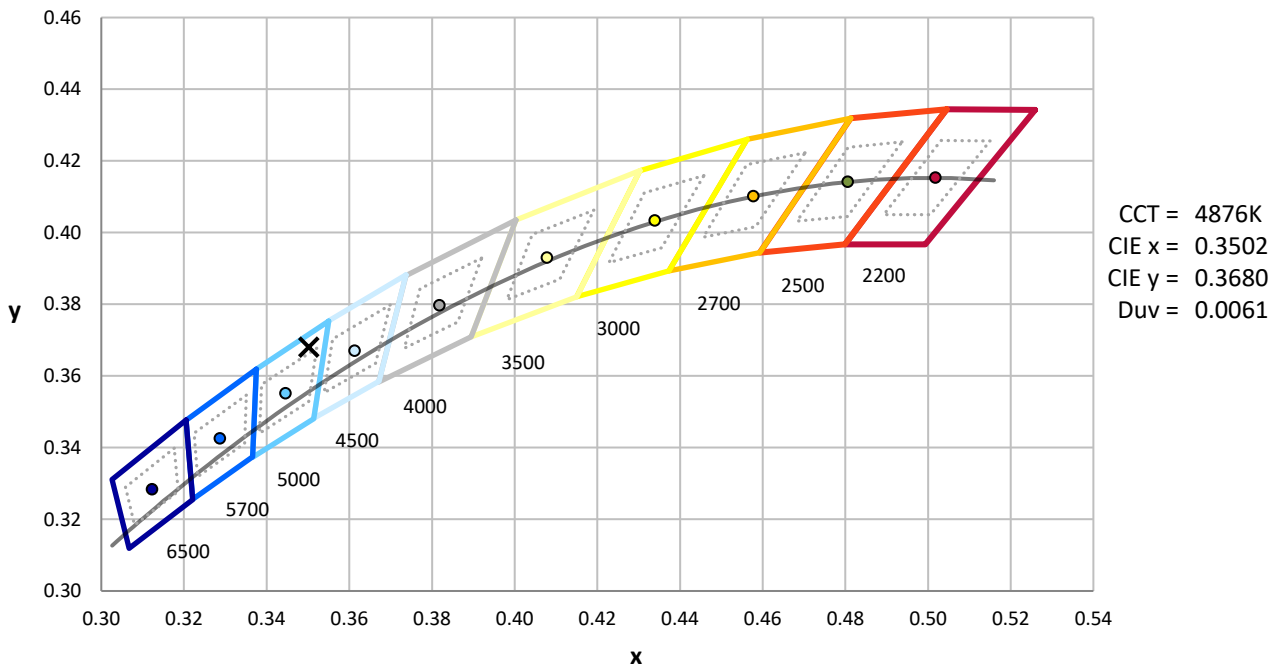
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

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CIE 1931 Chromaticity Diagram



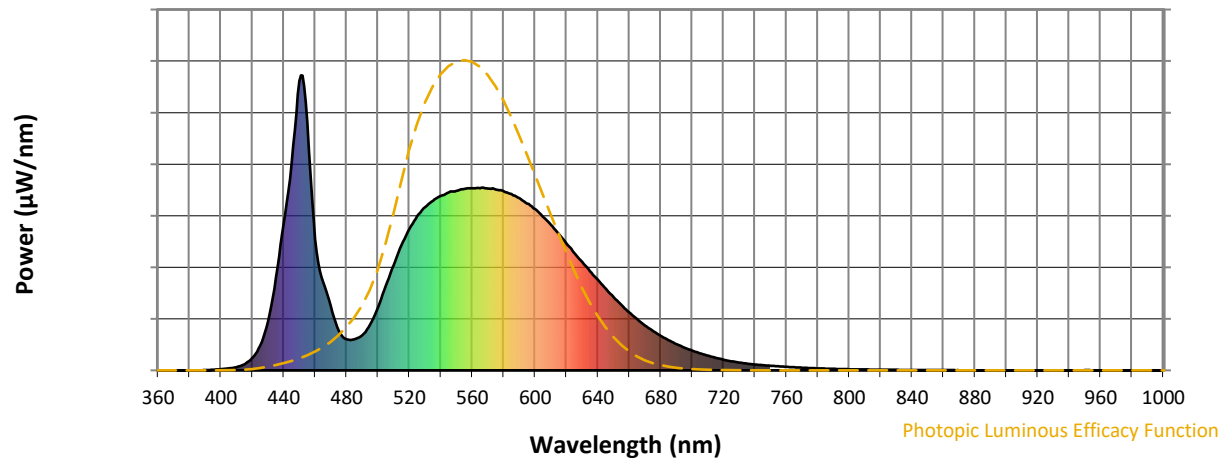
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2411-284-3

Photopic Flux vs. Wavelength

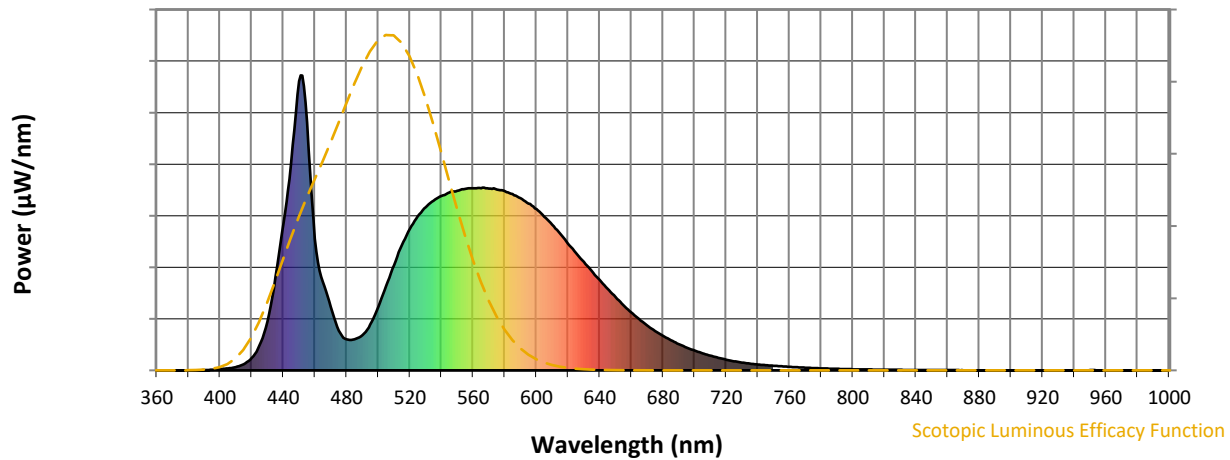


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214	NR	630	368	NR	760	12	NR	890	0	NR
375	0	NR	505	286	NR	635	336	NR	765	11	NR	895	0	NR
380	0	NR	510	357	NR	640	306	NR	770	9	NR	900	0	NR
385	0	NR	515	425	NR	645	276	NR	775	8	NR	905	0	NR
390	1	NR	520	480	NR	650	248	NR	780	7	NR	910	0	NR
395	2	NR	525	523	NR	655	221	NR	785	6	NR	915	0	NR
400	4	NR	530	554	NR	660	196	NR	790	5	NR	920	0	NR
405	7	NR	535	575	NR	665	173	NR	795	4	NR	925	0	NR
410	11	NR	540	592	NR	670	152	NR	800	4	NR	930	0	NR
415	21	NR	545	603	NR	675	133	NR	805	3	NR	935	0	NR
420	42	NR	550	609	NR	680	117	NR	810	3	NR	940	0	NR
425	85	NR	555	615	NR	685	102	NR	815	3	NR	945	0	NR
430	165	NR	560	617	NR	690	89	NR	820	2	NR	950	1	NR
435	316	NR	565	617	NR	695	77	NR	825	2	NR	955	0	NR
440	497	NR	570	616	NR	700	67	NR	830	2	NR	960	0	NR
445	702	NR	575	613	NR	705	58	NR	835	2	NR	965	0	NR
450	981	NR	580	607	NR	710	50	NR	840	1	NR	970	0	NR
455	840	NR	585	598	NR	715	43	NR	845	1	NR	975	0	NR
460	446	NR	590	583	NR	720	36	NR	850	1	NR	980	0	NR
465	300	NR	595	566	NR	725	31	NR	855	1	NR	985	0	NR
470	215	NR	600	546	NR	730	26	NR	860	1	NR	990	0	NR
475	135	NR	605	521	NR	735	23	NR	865	1	NR	995	0	NR
480	105	NR	610	494	NR	740	20	NR	870	1	NR	1000	0	NR
485	106	NR	615	463	NR	745	18	NR	875	0	NR			

REPORT NUMBER: SP1-2411-284-3

Scotopic Flux vs. Wavelength



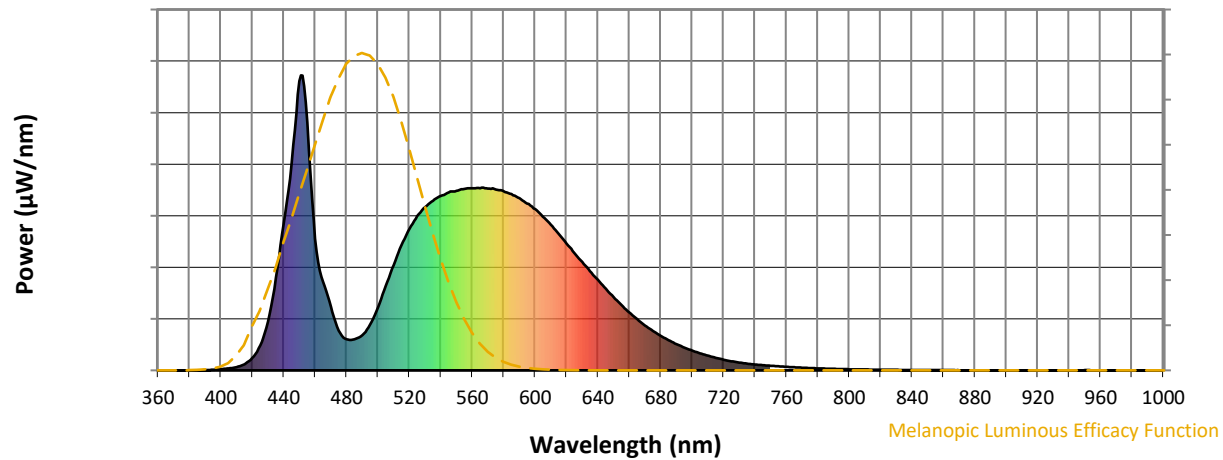
Scotopic Lumens: NR

S/P: 1.74

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	119	NR	620	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214	NR	630	368	NR	760	12	NR	890	0	NR
375	0	NR	505	286	NR	635	336	NR	765	11	NR	895	0	NR
380	0	NR	510	357	NR	640	306	NR	770	9	NR	900	0	NR
385	0	NR	515	425	NR	645	276	NR	775	8	NR	905	0	NR
390	1	NR	520	480	NR	650	248	NR	780	7	NR	910	0	NR
395	2	NR	525	523	NR	655	221	NR	785	6	NR	915	0	NR
400	4	NR	530	554	NR	660	196	NR	790	5	NR	920	0	NR
405	7	NR	535	575	NR	665	173	NR	795	4	NR	925	0	NR
410	11	NR	540	592	NR	670	152	NR	800	4	NR	930	0	NR
415	21	NR	545	603	NR	675	133	NR	805	3	NR	935	0	NR
420	42	NR	550	609	NR	680	117	NR	810	3	NR	940	0	NR
425	85	NR	555	615	NR	685	102	NR	815	3	NR	945	0	NR
430	165	NR	560	617	NR	690	89	NR	820	2	NR	950	1	NR
435	316	NR	565	617	NR	695	77	NR	825	2	NR	955	0	NR
440	497	NR	570	616	NR	700	67	NR	830	2	NR	960	0	NR
445	702	NR	575	613	NR	705	58	NR	835	2	NR	965	0	NR
450	981	NR	580	607	NR	710	50	NR	840	1	NR	970	0	NR
455	840	NR	585	598	NR	715	43	NR	845	1	NR	975	0	NR
460	446	NR	590	583	NR	720	36	NR	850	1	NR	980	0	NR
465	300	NR	595	566	NR	725	31	NR	855	1	NR	985	0	NR
470	215	NR	600	546	NR	730	26	NR	860	1	NR	990	0	NR
475	135	NR	605	521	NR	735	23	NR	865	1	NR	995	0	NR
480	105	NR	610	494	NR	740	20	NR	870	1	NR	1000	0	NR
485	106	NR	615	463	NR	745	18	NR	875	0	NR			

REPORT NUMBER: SP1-2411-284-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.51

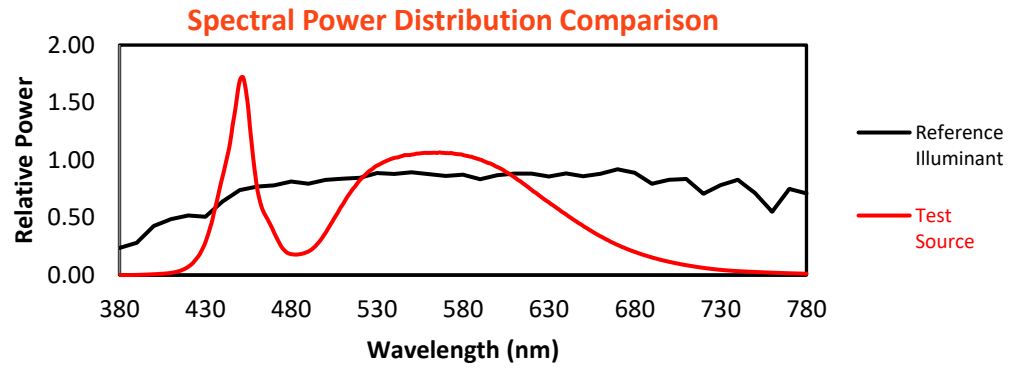
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214	NR	630	368	NR	760	12	NR	890	0	NR
375	0	NR	505	286	NR	635	336	NR	765	11	NR	895	0	NR
380	0	NR	510	357	NR	640	306	NR	770	9	NR	900	0	NR
385	0	NR	515	425	NR	645	276	NR	775	8	NR	905	0	NR
390	1	NR	520	480	NR	650	248	NR	780	7	NR	910	0	NR
395	2	NR	525	523	NR	655	221	NR	785	6	NR	915	0	NR
400	4	NR	530	554	NR	660	196	NR	790	5	NR	920	0	NR
405	7	NR	535	575	NR	665	173	NR	795	4	NR	925	0	NR
410	11	NR	540	592	NR	670	152	NR	800	4	NR	930	0	NR
415	21	NR	545	603	NR	675	133	NR	805	3	NR	935	0	NR
420	42	NR	550	609	NR	680	117	NR	810	3	NR	940	0	NR
425	85	NR	555	615	NR	685	102	NR	815	3	NR	945	0	NR
430	165	NR	560	617	NR	690	89	NR	820	2	NR	950	1	NR
435	316	NR	565	617	NR	695	77	NR	825	2	NR	955	0	NR
440	497	NR	570	616	NR	700	67	NR	830	2	NR	960	0	NR
445	702	NR	575	613	NR	705	58	NR	835	2	NR	965	0	NR
450	981	NR	580	607	NR	710	50	NR	840	1	NR	970	0	NR
455	840	NR	585	598	NR	715	43	NR	845	1	NR	975	0	NR
460	446	NR	590	583	NR	720	36	NR	850	1	NR	980	0	NR
465	300	NR	595	566	NR	725	31	NR	855	1	NR	985	0	NR
470	215	NR	600	546	NR	730	26	NR	860	1	NR	990	0	NR
475	135	NR	605	521	NR	735	23	NR	865	1	NR	995	0	NR
480	105	NR	610	494	NR	740	20	NR	870	1	NR	1000	0	NR
485	106	NR	615	463	NR	745	18	NR	875	0	NR			

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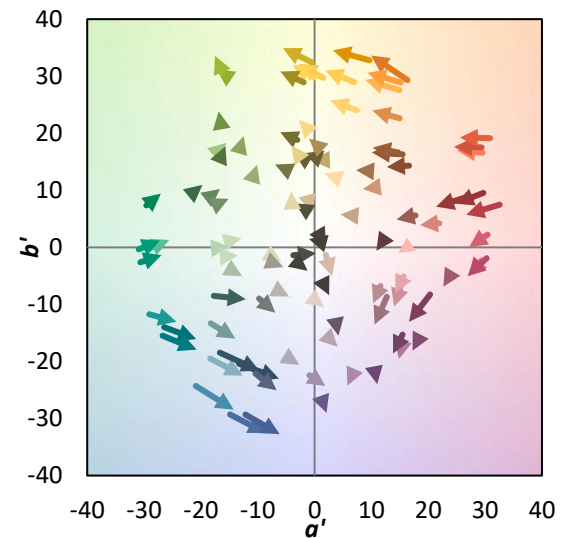
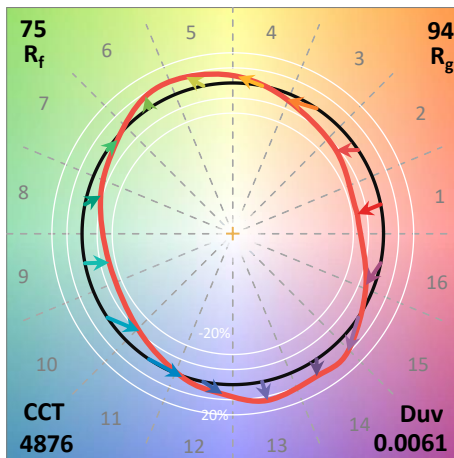
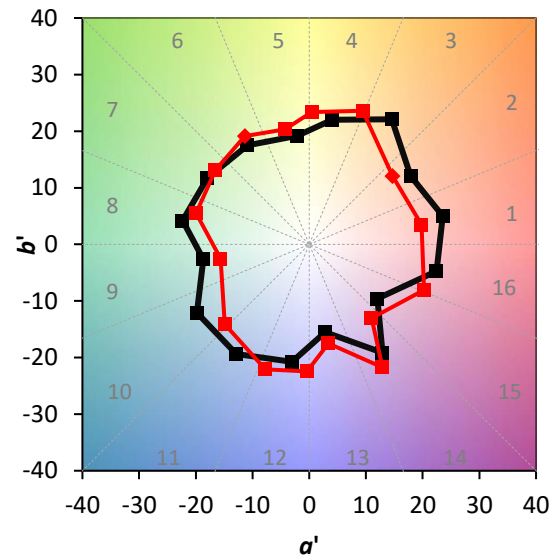
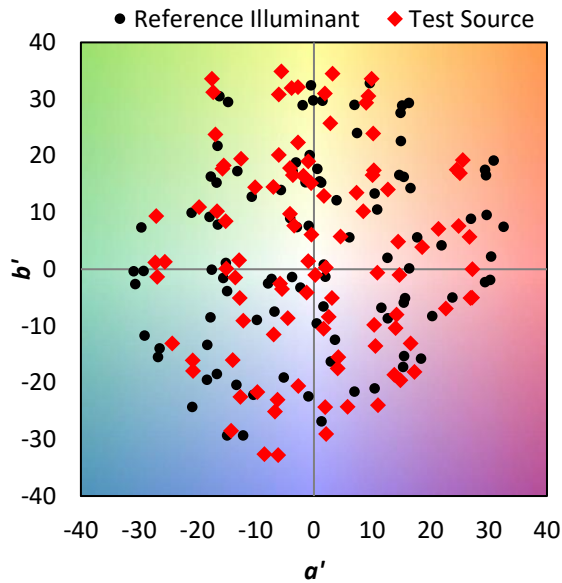
TM-30-18

Summary

$R_f = 74.6$
 $R_g = 94.4$
 $CIE R_a = 72.6$
 $R_g = -24.6$

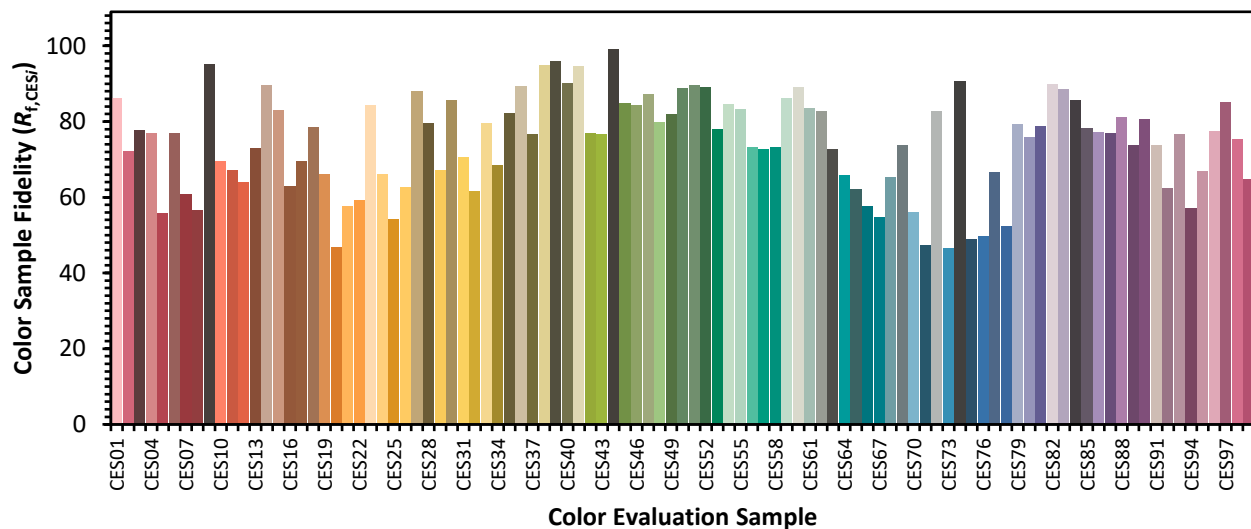


Color Vector Graphics

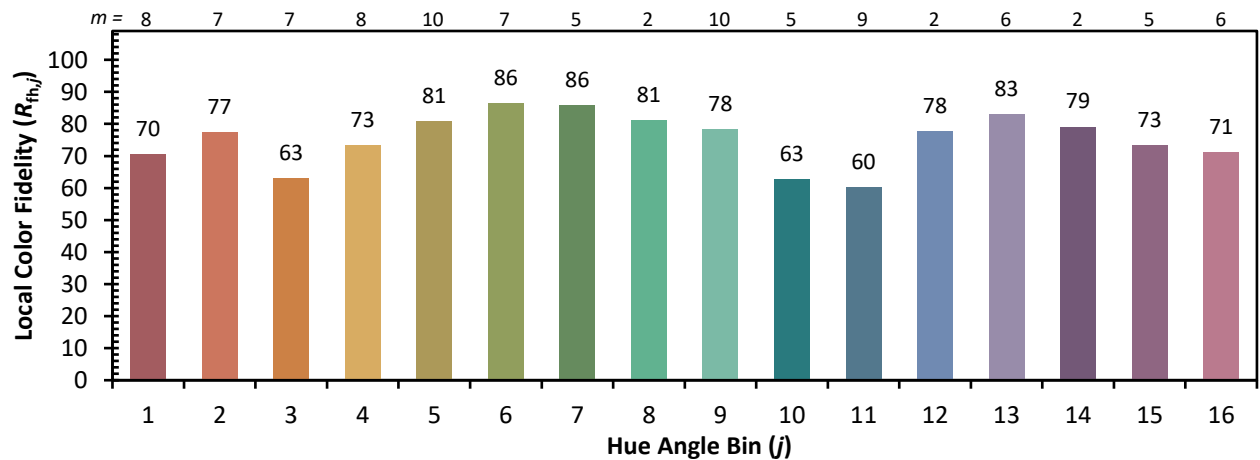
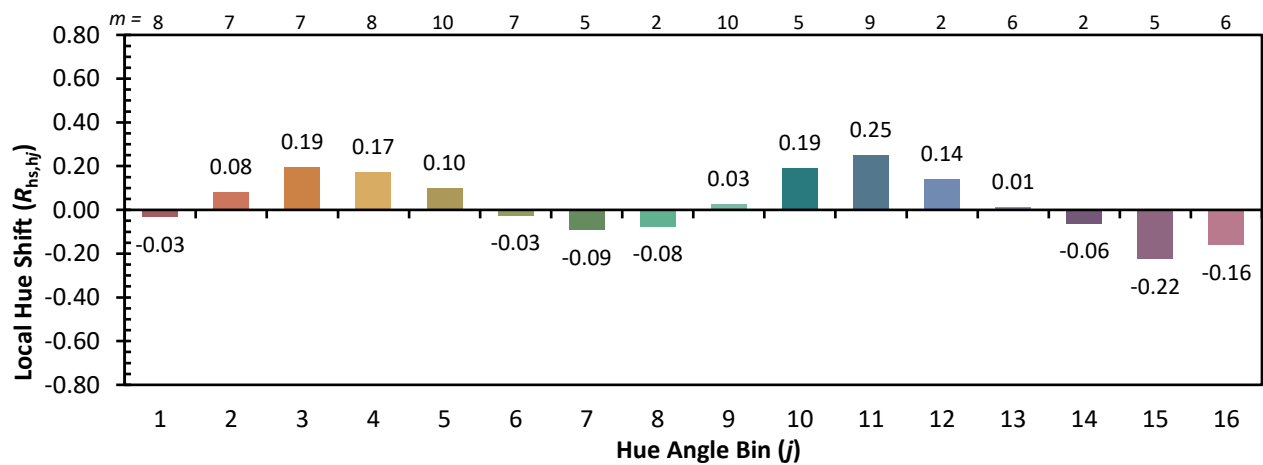
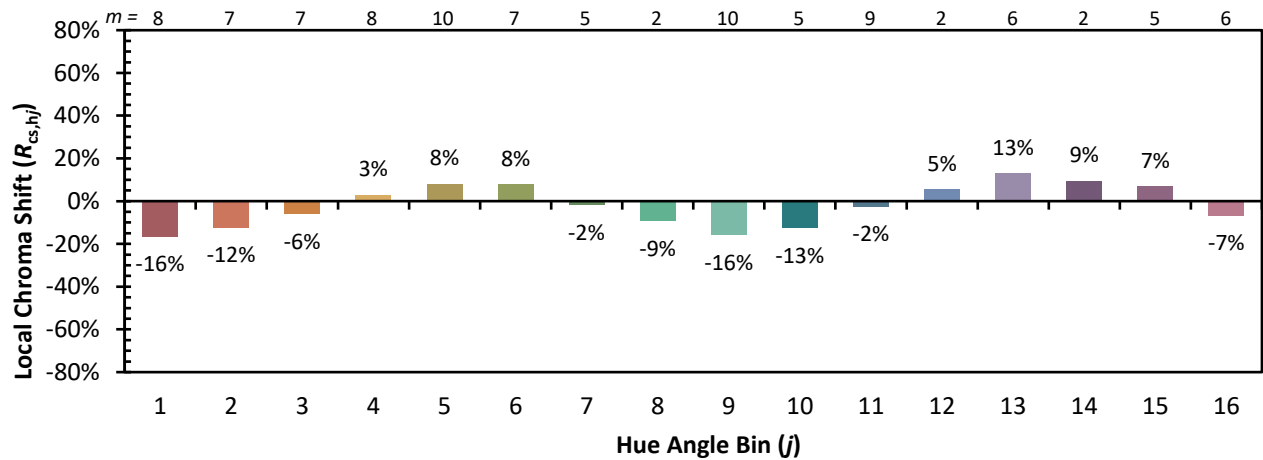


Individual Sample Fidelity Index ($R_{f,i}$)

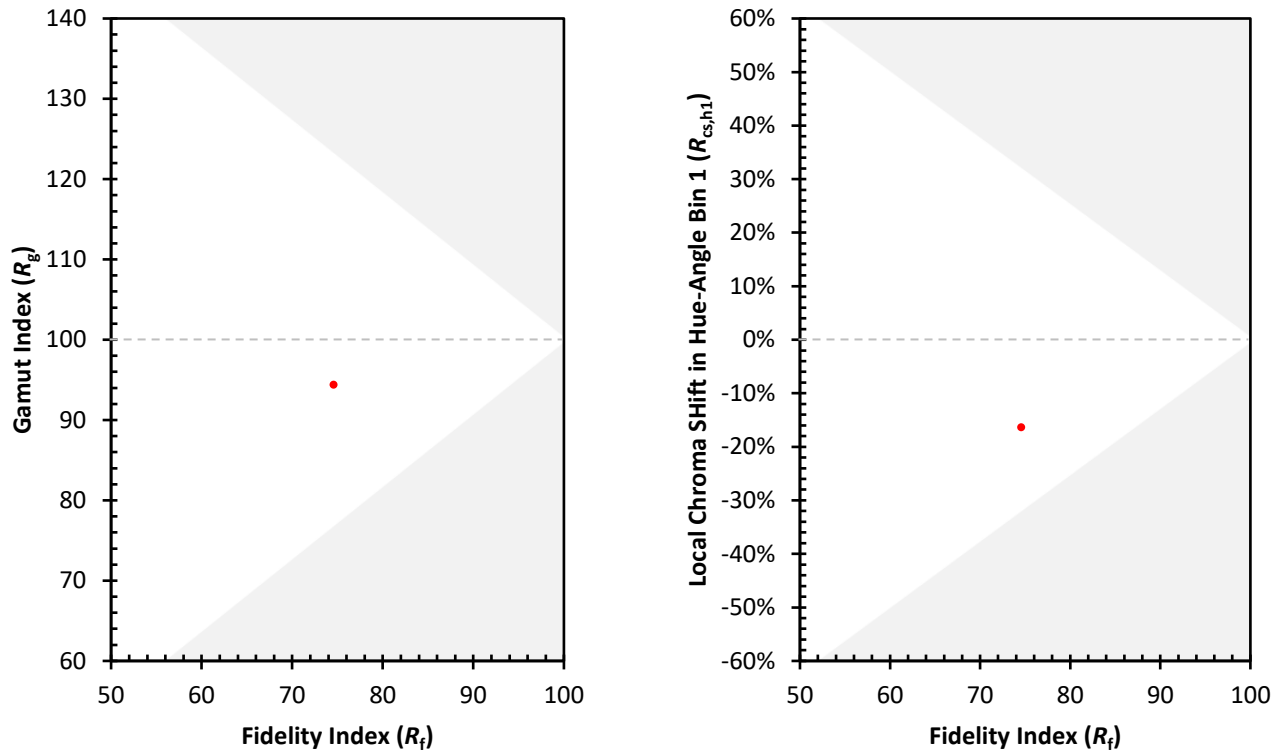
CES01 = 85	CES26 = 63	CES51 = 90	CES76 = 50
CES02 = 59	CES27 = 88	CES52 = 89	CES77 = 67
CES03 = 30	CES28 = 80	CES53 = 78	CES78 = 52
CES04 = 69	CES29 = 67	CES54 = 85	CES79 = 79
CES05 = 46	CES30 = 86	CES55 = 83	CES80 = 76
CES06 = 50	CES31 = 70	CES56 = 73	CES81 = 79
CES07 = 39	CES32 = 62	CES57 = 73	CES82 = 90
CES08 = 38	CES33 = 80	CES58 = 73	CES83 = 89
CES09 = 29	CES34 = 69	CES59 = 86	CES84 = 86
CES10 = 72	CES35 = 82	CES60 = 89	CES85 = 78
CES11 = 55	CES36 = 89	CES61 = 83	CES86 = 77
CES12 = 61	CES37 = 77	CES62 = 83	CES87 = 77
CES13 = 41	CES38 = 95	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 96	CES64 = 66	CES89 = 74
CES15 = 70	CES40 = 90	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 95	CES66 = 58	CES91 = 74
CES17 = 49	CES42 = 77	CES67 = 55	CES92 = 62
CES18 = 55	CES43 = 77	CES68 = 65	CES93 = 77
CES19 = 71	CES44 = 99	CES69 = 74	CES94 = 57
CES20 = 64	CES45 = 85	CES70 = 56	CES95 = 67
CES21 = 85	CES46 = 84	CES71 = 47	CES96 = 77
CES22 = 77	CES47 = 87	CES72 = 83	CES97 = 85
CES23 = 91	CES48 = 80	CES73 = 46	CES98 = 75
CES24 = 90	CES49 = 82	CES74 = 91	CES99 = 65
CES25 = 71	CES50 = 89	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)